

City of Springfield  
Water Pollution Control Section  
Pollution Complaint/Report Form

Date 7/8/91

Report From:

- ☒ Citizen
- ☐ Fire Dept.
- ☐ Public Information Office
- ☐ Health Department
- ☐ Other \_\_\_\_\_

Received By: SDI / Jones  
Referred To: \_\_\_\_\_  
Date of Incident: \_\_\_\_\_

Complainant Information:

Name D. Shaples  
Address \_\_\_\_\_  
Phone 881-6032  
Directions (if needed): \_\_\_\_\_

Responsible Party Information:

Name \_\_\_\_\_  
Address 2111 S. Wedgewood  
Phone \_\_\_\_\_

Possible contamination of: ☐ soil ☐ groundwater  
☐ surface water what body? \_\_\_\_\_  
☐ other \_\_\_\_\_

Other pertinent information: \_\_\_\_\_

Who to contact:

- ☐ DNR 417-837-6950
- ☐ DNR 314-634-2436
- ☐ EPA 913-236-3778
- ☐ Fire Dept. 864-1719
- ☐ Police Dept. 864-1719
- ☐ Bob Schaefer
- ☐ CU 831-8320
- ☐ Street Dept.

- ☐ Health Dept.
- ☐ Sewer Maintenance
- ☐ Sewer Construction
- ☐ Chemtrec 1-800-424-9300
- ☐ DOT
- ☐ NRC 1-800-424-8802
- ☐ Other \_\_\_\_\_

Details of incident: Grass coming up in  
STODL

Action needed: Dyed home, on sewer,  
SEWER MAINT. RAN MAIN. I  
CHECKED DOWNSTREAM MANHOLE.

(over)

ADDRESS 2111 S. Wedgewood

City of Springfield  
Water Pollution Control Section  
Pollution Complaint/Report Form

Date 1/21/92

Report From:

- ☐ Citizen  
☐ Fire Dept.  
☐ Public Information Office  
☐ Health Department  
☒ Other CHARLES PARROTT

Received By: S. Short  
Referred To: Randy Lamm  
Date of Incident: 1/20/92

Complainant Information:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_  
Directions (if needed): \_\_\_\_\_

Responsible Party Information:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

Possible contamination of: ☐ soil ☐ groundwater  
☐ surface water ☐ what body?  
☐ other \_\_\_\_\_

Other pertinent information:

SLUG DISCHARGE WITH INHIBITION?  
NO INHIBITION, PLANT RECOVERED WITHIN 3-4 HOURS, PER CHARLES PARROTT.

Who to contact:

- ☐ DNR 417-837-6950  
☐ DNR 314-634-2436  
☐ EPA 913-236-3778  
☐ Fire Dept. 864-1719  
☐ Police Dept. 864-1719  
☐ Bob Schaefer  
☐ CU 831-8320  
☐ Street Dept.

- ☐ Health Dept.  
☐ Sewer Maintenance  
☐ Sewer Construction  
☐ Chemtrec 1-800-424-9300  
☐ DOT  
☐ NRC 1-800-424-8802  
☐ Other \_\_\_\_\_

Details of incident: EVENING SHIFT OF NORTHWEST PLANT RECEIVED A SLUG OF BLACK OILY WATER WITH A LAUNDRY/CLEANING FLUID SMELL. THE PLANT LOST ITS D.O., AND NOTED A PH CHANGE WITH THE SLUG, 7.4 TO 8+. CHARLES INDICATED IT WAS SIMILAR TO THE PREVIOUS RENTAL UNIFORM PROBLEM. DID NOT CAUSE PASSTHROUGH, PLANT RECOVERED SOON.

Action needed: CALL RENTAL UNIFORM, AARON'S AUTOMOTIVE, OR ANYONE WE FEEL HAS A POTENTIAL TO CAUSE SLUGS OF THIS NATURE. KEEP IN MIND THIS WAS M.L.K. DAY AND MANY KNEW WE WERE OFF WORK.

(over)

ADDRESS \_\_\_\_\_

1-29-92

# Investigation Results

I called Aaron's Automobile and talked to Ken Dean about the situation at the North Point. He had no knowledge but said he would investigate to see if anything was unusual that day that was unusual, he will call back

1-29-92 I called Rental Uniform. Dale Mathias was not at home. Left message to call me. Dale Mathias returned my call 12:30 pm and indicated nothing unusual happened at his plant on that date

BC

1-29-92

City of Springfield  
Water Pollution Control Section  
Pollution Complaint/Report Form

Date 7/5/91

Report From:

- ☒ Citizen Arnon  
☐ Fire Dept.  
☐ Public Information Office  
☐ Health Department  
☐ Other \_\_\_\_\_

Received By: STEVE SHAW

Referred To: \_\_\_\_\_

Date of Incident: ON GOING

Complainant Information:

Name Employee  
Address \_\_\_\_\_  
Phone \_\_\_\_\_  
Directions (if needed): \_\_\_\_\_

Responsible Party Information:

Name WOULD NOT SAY  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

Possible contamination of: ☐ soil ☐ groundwater  
☐ surface water what body? \_\_\_\_\_  
☐ other SANITARY SEWER

Other pertinent information: \_\_\_\_\_

Who to contact:

- ☐ DNR 417-837-6950  
☐ DNR 314-634-2436  
☐ EPA 913-236-3778  
☐ Fire Dept. 864-1719  
☐ Police Dept. 864-1719  
☐ Bob Schaefer  
☐ CU 831-8320  
☐ Street Dept.

- ☐ Health Dept.  
☐ Sewer Maintenance  
☐ Sewer Construction  
☐ Chemtrec 1-800-424-9300  
☐ DOT  
☐ NRC 1-800-424-8802  
☐ Other \_\_\_\_\_

Details of incident: Company, A REFRIGERATION AND BOILER SERVICE INDUSTRY IS DUMPING FLEON + ASBESTOS IN THE SHOP'S SANITARY SEWER. THE BOTH MATERIALS COME FROM FIELD RTM ACTIVITIES AT LOCAL SITES.

Action needed: EMPLOYEE WANTED TO KNOW IF THIS WAS O.K. TOLD HIM BOTH COMPOUNDS ARE COVERED BY FEDERAL REGULATIONS.

NO OTHER RESPONSE AVAILABLE WITH INFORMATION PROVIDED.

(over)

ADDRESS UNKNOWN





# Allied Colloids

## POLLUTION CONTROL DIVISION

BULLETIN PCD 7012

### PERCOL 737

WATER-INSOLUBLE COAGULANT

PERCOL 737 is a water-insoluble coagulant. It is used for the treatment of water and wastewater. It is a white, crystalline powder that is easily dispersed in water.

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03 02 04 10 42

2005

# APPLICATION AND STORAGE

Recommended solution concentration:

Sucker solution (1% product as supplied)

.....0.5-1.0% max.

Fescue solution (1% product as supplied)

.....0.1-0.5%

Recommended storage periods:

Material as supplied

.....1 year

Material as supplied

2 to 5 days

Material as supplied (1% product as supplied)

Material as supplied (1% product as supplied)

Material as supplied (1% product as supplied)

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Material as supplied (1% product as supplied)

Material as supplied (1% product as supplied)

# TODD

CORPORATION

September 5, 1989

SEP 11 1989

Mr. Steve Short  
City of Springfield  
Water Pollution  
Control and Inspection  
1216 W Nichols  
Springfield, Mo 65802

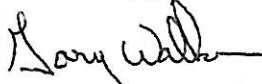
Dear Mr. Short:

Per our phone conversation, I am enclosing the information you requested in regard to Todd possibly having the industrial sludge generated by our laundry operations sent to your Southwest plant facility.

Our plant generates approximately 8000 gallons of sludge every two weeks, which we would have pumped and hauled to your facility for processing one time every other week.

I've also attached copies of our annual sludge test analysis from the previous two years for your review. Please contact me if you have any questions.

Sincerely,



Gary Walker  
General Manager

GW/mb  
enclosures

*Called Mr. Walker  
9/11/89. Told him secretary  
we could not accept  
his waste  
SDS*



# ECOLOGY AND ENVIRONMENTAL SYSTEMS INC.

RECEIVED  
AUG 10  
REPUBLIC

P. O. BOX 4151  
SPRINGFIELD, MO 65808

(417) 831-2109

2615 W. COLLEGE RD.  
SPRINGFIELD, MO 65802

August 9, 1989

Todd Corporation  
225 SO. Walnut  
Republic, MO. 65738

Laboratory Control NO. 689329

Sample ID: Wastewater sludge 1st tank

## Hazardous Waste Identification

### Ignitable Characteristics

Flashpoint

>140° F.

### Corrosive Characteristics

pH

8.85

### Reactive Characteristics

Water

NONE Reactive

Heat

NONE Reactive

Cyanide

<0.1 mg/kg

Sulfide

72.0 mg/kg

## Toxic Characteristics - E P Toxicity

Arsenic

<0.1 mg/kg

Maximum  
Concentration

5.0 ppm

Barium

<1.0 mg/kg

100.0 ppm

Cadmium

0.09 mg/kg

1.0 ppm

Chromium

0.06 mg/kg

5.0 ppm

Lead

0.07 mg/kg

5.0 ppm

Mercury

<0.05 mg/kg

0.2 ppm

Selenium

<0.1 mg/kg

1.0 ppm

Silver

0.01 mg/kg

5.0 ppm

Total Oil & Grease

4364.8 mg/kg

Chlorides

1559.8 mg/kg

TOC :

1071.5 mg/kg

Thank you.

Sample collected June 22, 1989.

  
Donald R. Vassar

dfv





# ECOLOGY AND ENVIRONMENTAL SYSTEMS INC.

P. O. BOX 4151  
SPRINGFIELD, MO 65808

(417) 831-2109

2615 W. COLLEGE RD.  
SPRINGFIELD, MO 65802

August 3, 1988

Todd Corporation  
225 SO. Walnut  
Republic, MO. 65738

Laboratory Control NO. 688259

Sample ID: wastewater sludge 1st tank

Hazardous Waste Identification

Ignitable Characteristics

Flashpoint

>140° F.

Corrosive Characteristics

pH

8.3

Reactive Characteristics

Water

NON Reactive

Heat

NON Reactive

Cyanide

1.4 mg/l

Sulfide

8.9 mg/l

Toxic Characteristics - E P Toxicity

Arsenic

<0.1 mg/l

Maximum  
Concentration

5.0 mg/l

Barium

10.0 mg/l

100.0 mg/l

Cadmium

<0.1 mg/l

1.0 mg/l

Chromium

<0.1 mg/l

5.0 mg/l

Lead

0.2 mg/l

5.0 mg/l

Mercury

<0.1 mg/l

0.2 mg/l

Selenium

<0.1 mg/l

1.0 mg/l

Silver

0.1 mg/l

5.0 mg/l

Total Oil & Grease

639.0 mg/l

Chlorides

93,590 mg/l

TOC

306.8 mg/l

Thank you.

Sample received June 27, 1988.

  
Donald R. Vassar

dfv

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF FILE

DATE July 17, 1989

DEPARTMENT \_\_\_\_\_

Re: City Utilities

Dave Fraley called this office to advise us the Electric Meter Shop on West Grand is now using a new solvent that contains HCl. They will add sodium bicarbonate to neutralize the acid before discharging to the sanitary sewer. Dave indicated he would provide the shop with pH sticks to monitor the process to 5.5 - 9.0.

cc: file

A handwritten signature in dark ink, appearing to read "Steve Short", with a long horizontal flourish extending to the right.

SIGNED Steve Short



# CITY UTILITIES of SPRINGFIELD

301 E. Central • P.O. Box 551 • Springfield, Missouri 65801 • (417) 831-8311

SEPTEMBER 8, 1987


MEMORANDUM TO: DAVID M. FRALEY, PH.D.  
ENVIRONMENTAL RESULTS SPECIALIST  
POWER PRODUCTION

SUBJECT: CLEANING SOLVENTS

SAMPLE ID	BIO-SOLVE <sup>513</sup> VMC	CALHOUN TOOLSHOP	PRINCE LN. AGI-TEEN	GAS METER SHOP
LAB No.	387-0420	387-0421	387-0422	387-0423
AL	—	< 10	< 10	< 10
Cd	0.5	—*	—	—
CR	< 0.5	< 10	< 10	< 10
CU	8.5	< 10	156	< 10
FE	22.9	< 10	18.4	< 10
PB	6.1	30	20	26
SI	—	< 10	11	10
SN	—	< 10	< 10	< 10
ZN	8.2	< 10	234	< 10

ALL RESULTS IN UG/L.

\* NO ORGANO-METALLIC STD FOR Cd.

  
JOHN T. WITHERSPOON, PH.D.  
DIRECTOR - LABORATORIES  
OPERATIONS

JTW:KK

P04 9037052

# RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO  
Don Arnold  
Acqua-Mist Carpet Cleaning  
Rt. 2, Box 191-H  
P.O., STATE AND ZIP CODE

Nixa, MO 65714

POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	c
	SPECIAL DELIVERY	c
	RESTRICTED DELIVERY	c
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	c
OPTIONAL SERVICES	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c

TOTAL POSTAGE AND FEES \$

POSTMARK OR DATE

PS Form 3801, Apr. 1977

RETURN RECEIPT REGISTERED, INSURED AND CERTIFIED MAIL

K.C.

Oct 1 6 1984

● SENDER: Complete Items 1, 2, and 3.  
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).

- ☒ Show to whom and date delivered. \_\_\_\_\_ c
- ☐ Show to whom, date, and address of delivery. \_\_\_\_\_ c
- ☐ RESTRICTED DELIVERY  
Show to whom and date delivered. \_\_\_\_\_ c
- ☐ RESTRICTED DELIVERY  
Show to whom, date, and address of delivery. \$ \_\_\_\_\_  
(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:

Don Arnold, Acqua-Mist Carpet Cleaning  
Rt. 2, Box 191-H  
Nixa, MO 65714

3. ARTICLE DESCRIPTION:

REGISTERED NO. | CERTIFIED NO. | INSURED NO.

P04 9037052

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☒ Authorized agent

4. *Bill H. H. H.*

DATE OF DELIVERY

10-16-84

POSTMARK

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

*R*

PS Form 3800, Apr. 1976

October 4, 1984

Mr. Don Arnold  
Aqua-Mist Carpet Cleaning  
Rt. 2, Box 191-H  
Nixa, MO 65714

Dear Mr. Arnold:

On Friday, September 28, 1984, this office received a citizen's complaint that one of your vehicles was dumping carpet cleaning waste onto a street which is tributary to the Southern Hills Lake area.

Please be advised that such a discharge is a violation of Federal, State and City Water Pollution Control Laws and a violation of City Health Ordinances. It is specifically a violation of Chapter 30, Sewer Use Ordinance, section 30-4, "Deposit of Objectionable Waste on Public and Private Property Prohibited" and section 30-8 "Discharge of Sanitary Sewage, Industrial Wastes or Other Polluted Waters into Natural Outlets or Storm Sewers."

This office would advise you to cease discharge immediately and to dispose of such wastes in a proper waste treatment system.

If you have any questions please don't hesitate to call 864-1924.

Yours truly,

Karen Chandler  
Water Pollution Control Inspector II  
Surveillance and Enforcement

KC:js

cc: Mr. Ed Sears, Missouri Dept. of Natural Resources  
Mr. Harold Bengsch, Director of Health  
Mr. Robert Schaefer, P.E., Supt. of Sanitary Services  
File

(misc)



April 19, 1984

C. Dean Martin, Emergency Response Coordinator  
Missouri Department of Natural Resources  
P.O. Box 1368  
2010 Missouri Blvd.  
Jefferson City, MO 65102

Dear Mr. Martin:

In reply to our phone conversation on April 18, 1984, I am enclosing a copy of the City of Springfield's SEWER USE ORDINANCE - Chapter 30. The section that you would be most concerned with is Sec. 30-18.

Also, you requested a copy of the proposed FUEL TANK TESTING ORDINANCE. In checking with your Regional Office, Mr. John Nixon has already forwarded that information as well as a copy of ordinances from other cities to Mr. Jim Long on April 18, 1984. If you do not receive this information, please let me know and I will be glad to provide it to you.

If you have any questions, please feel free to call at 864-1924.

Yours truly,

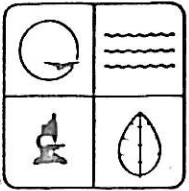


Gene Pabst  
Water Pollution Control Inspector III  
Surveillance & Enforcement

GP:js

cc: Mr. Henry Cole, P.E., Sanitary Engineer  
File

un's C



# MEMORANDUM

Date: January 9, 1984  
To: City Officials and Regional Office Staff  
From: Frank Dolan *Frank Dolan*  
Subject: Pretreatment Standards

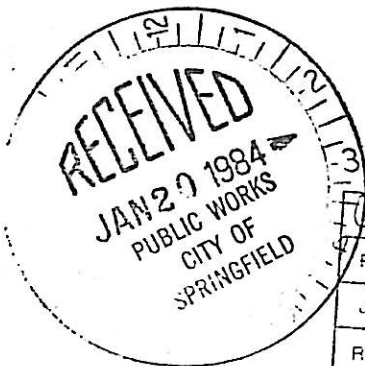
EPA has set the final rule for industries in the Coil Coating and Electrical and Electronic Components Categories.

Coil Coating Industries are any coil coating facilities or can making facilities. Electronic Components Categories include just the Cathode Ray Tube Manufacturing and Luminescent Materials Manufacturing parts at this time. Coil Coating Industries have to meet the Federal Pretreatment Standards by November 17, 1986. Cathode Ray Manufacturers have to meet standards by July 14, 1987. Existing Luminescent Materials Manufacturers do not have Federal Pretreatment Standards to meet.

For specific standards, contact your regional office.

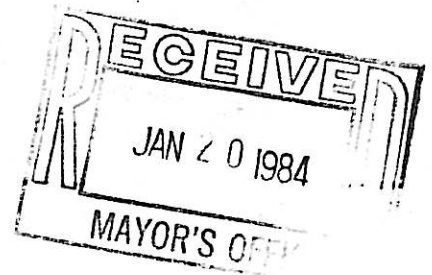
FD/ji

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
P.O. Box 1368 2010 Missouri Blvd. Jefferson City, Missouri 65102 (314) 751-3241



FLM		SEE ME	
JMB		INFO. ONLY	✓
REH		PLEASE HANDLE	
EEN		PLEASE REVIEW	
RRS	✓	PLEASE RETURN	
CRT		FILE (FROM)	
		FILE	

JAN 24 1984



Christopher S. Bond Governor  
Fred A. Lafser Director

Division of Environmental Quality  
Robert J. Schreiber Jr., P.E. Director

*mine*

July 11, 1983

Cypress Truck Lines, Inc.  
1746 E. Adams  
Jacksonville, Fla 32202

Certified No. PO4 9037037

Dear Sir:

Please be advised that on June 14, 1983, personnel from the City of Springfield Water Pollution Control Section, Surveillance and Enforcement Branch, responded to a diesel fuel spill within the corporate limits of the City. The spill occurred when Mr. Carl Ackman, a driver for your company, was involved in a traffic accident that resulted in the loss of 150 gallons of diesel fuel from the saddle tank of truck #277260-5 onto the highway. This resulted in City personnel having to remove the diesel fuel from the highway.

The ordinances of the City provide for the recovery of the costs involved in the abatement of a violation under emergency conditions. Payment of those costs should be made to the City of Springfield, Sanitary Services Department, and sent to:

City of Springfield  
City Hall, Room 210  
830 Boonville  
Springfield, MO 65802  
Attention: Mr. Robert Schaefer

Attached to this letter, please find a detailed explanation of the costs involved and a copy of Chapter 30 of the Springfield City Code. If you have any questions please don't hesitate to call 417-864-1924.

Yours truly,

Karen A. Chandler  
Water Pollution Control Inspector II  
Surveillance and Enforcement

KAC:js

Enclosure

cc: Robert R. Schaefer, P.E., Supt. of Sanitary Services  
John R. Nixon, Missouri Dept. of Natural Resources  
Doug Frame, Oil and Hazardous Materials Spills, E.P.A.  
Fred Fantauzzi, Director of Finance

ADDRESS UNKNOWN

PERSONNEL COSTS - Surveillance & Enforcement

June 14, 1983	Time at Site	Cost
2 Inspectors	1.5 hrs. each	\$38.91

PERSONNEL COSTS - Street Department

June 14, 1983	Time at Site	Cost
3 Crewmen	2 hrs. each	\$49.86

EQUIPMENT COST

Dump Truck miles	20 @ 1.10	\$22.00
4 WD Truck miles	10 @ .50	5.00
Sawdust	4 tons	<u>40.00</u>
		\$67.00

TOTAL COST .....	\$155.77
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8-8-83

Charlene  
called

P04 9037037

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO  
**Cypress Truck Lines**  
STREET AND NO.  
**1746 E. ADAMS**  
P.O., STATE AND ZIP CODE  
**Jacksonville, Fla**

POSTAGE \$

CERTIFIED FEE \$

SPECIAL DELIVERY \$

RESTRICTED DELIVERY \$

OPTIONAL SERVICES  
RETURN RECEIPT SERVICE  
SHOW TO WHOM AND DATE DELIVERED \$

SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY \$

SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY \$

SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY \$

TOTAL POSTAGE AND FEES \$

POSTMARK OR DATE

PS Form 3800, Apr. 1976

Billing for Dec

155 22

Cypress truck  
leasing Co. —

Charlene  
rec'd payment



To Barry

Date \_\_\_\_\_ Time \_\_\_\_\_ By \_\_\_\_\_

## While You Were Out

Mr. As I understand  
of 7 the Printouts

☐ Telephoned

☐ Called to See You

☐ Will Call Again

☐ Wants to See You

☐ Please Call

☐ Rush!

Phone

for use for Belarussian

Message

Indicators

will not be out  
tel. <sup>also</sup> 2.5th

262 87

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE June 13, 1983

DEPARTMENT \_\_\_\_\_

On Sunday, June 12, 1983, at approximately 4:45 p.m. I received a call on the pager to call the Northwest Treatment Plant. The operator reported floating sludge on the primary tanks and he took a sample of this at 5:00 p.m. I also took sample of the discharge from the airport lift station at the manhole on Radio Lane at 7:30 p.m.

cc: Henry Cole, P.E., Sanitary Engineer  
Bob Schaefer, P.E., Superintendent of Sanitary Services

MISC.

SIGNED \_\_\_\_\_

*Karen Chandler*  
Karen Chandler

OCT 24 1983

INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

(2 SAMPLES)

Plant Welch Packing Dead SIC            Date 3/2/83 Time 1:14 AMSampling point EAST + WEST <sup>LINE</sup> Method           Set up by            Removed by            Time           Flow            Meter Start            Meter Ending           Seal            Entered in billing file            by           

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub>				
2			Total SS				
3			pH				
4			Organic Carbon				
5			Total Carbon				
6			C.O.D.				
7			O-PO <sub>4</sub> -P				
8			TP				
9			NH <sub>3</sub> -N				
10			TKN				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15							
16			X-RAY FLUORESCENCE AND ATOMIC ABSORPTION ANALYSIS				
17			INDICATED MATERIAL IS COMPOSED OF CALCIUM, ALUMINUM				
18			SULFATE, SILICATE AND IRON. LEAD AND TITANIUM ARE				
19			ABSENT.				
20							
21							
22							
23							
24							

PW099

in SC.

February 1, 1983

FEB 2 1983

R. J. Poindexter, Claims Adjuster  
Auto-Owners Insurance  
Branch Claim Office  
Box 68  
Oskaloosa, Iowa 52577


Re: File No: 26 5157 82  
Insured: Control Services, Inc., et al

Dear Mr. Poindexter:

As requested in your letter of January 19, 1983, the City employees who investigated the damage referred to in our claim, were Randy Lyman, Water Pollution Control Inspector III, and Steve Short, Water Pollution Control Inspector II.

We would appreciate your prompt payment of this claim.

Very truly yours,

  
Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

RRS:cc

ccs: City Utilities of Springfield, Legal Department  
Department of Consumers Affairs, Division of Insurance, State File #82J004989  
Randy Lyman, Water Pollution Control Inspector III ✓

MISC.

AUTO-OWNERS INSURANCE COMPANY  
AUTO-OWNERS LIFE INSURANCE COMP.  
HOME-OWNERS MUTUAL INSURANCE CO.  
OWNERS INSURANCE CO.  
PROPERTY-OWNERS INSURANCE CO.



January 19, 1983

BRANCH CLAIM OFFICE  
Box 68, Oskaloosa, Iowa 52577  
Phone (515) 673-8301

City of Springfield  
Department of Public Works  
830 Boonville Avenue  
Springfield, Missouri 65801

ATTENTION: Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

REFERENCE: File No.: 26 5157 82  
Insured : Control Services, Inc.

Dear Sir:

Your recent letter, dated January 7, 1983, addressed to our Branch Claim Office has been sent to me.

I refer you to your last paragraph.

Please supply the names of eyewitnesses so that our investigators may question them.

Very truly yours,

*R. J. Poindexter*  
R. J. Poindexter  
Claims Adjuster

RJP/reh

*State File # 82 9004989*  
*Department of Consumer Affairs*  
*Division of Insurance*  
*Box 690*  
*Jefferson City, Mo 65102*  
*Superintendent, Larry, all (Contact him if we have any problems)*

MISC.



PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

① **SENDER:** Complete items 1, 2, 3. Add your address in reverse. RETURN TO" space on

1. The following service is requested (check one.)  
☒ Show to whom and date delivered..... \$  
☐ Show to whom, date and address of delivery... \$  
☐ RESTRICTED DELIVERY  
 Show to whom and date delivered..... \$  
☐ RESTRICTED DELIVERY.  
 Show to whom, date, and address of delivery. \$

(CONSULT POSTMASTER FOR FEES)

2. **ARTICLE ADDRESSED TO:**  
 R. J. Poindexter, Claims Agent  
 Branch Claim Office  
 Auto-Owners Insurance  
 Box 68  
 Oskaloosa, Iowa 52577

3. **ARTICLE DESCRIPTION:**

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	P04 9044288	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☐ Authorized agent

4. DATE OF DELIVERY  
 JAN 12 1982

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

POSTMARK  
 OSKALOOSA  
 JAN 12 1982

CLERK'S INITIALS

☆ GPO : 1979-288-8-8

PS Form 3800, Apr. 1976

POSTMARK OR DATE	CONSULT POSTMASTER FOR FEES				POSTAGE \$
	OPTIONAL SERVICES				
	RETURN RECEIPT SERVICE				
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	SHOW TO WHOM AND DATE DELIVERED	RESTRICTED DELIVERY	SPECIAL DELIVERY	
TOTAL POSTAGE AND FEES	\$				

SENT TO  
 R. J. Poindexter, Claims Agent  
 Auto-Owners Ins., Box 68  
 Oskaloosa, Iowa 52577

PO, STATE AND ZIP CODE

1/7/83 (Letter)  
 1/10/83 (Mailed)

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

P04 .9044288

January 7, 1983

CERTIFIED MAIL NO. P04 9044288  
RETURN RECEIPT REQUESTED

R. J. Poindexter, Claims Adjuster  
Branch Claim Office  
Auto-Owners Insurance  
Box 68  
Oskaloosa, Iowa 52577

Re: File No: 26 5157 82  
Insured: Control Services, Inc., et al

Dear Mr. Poindexter:

I have received a copy of your letter dated December 17, 1982, to City Utilities of Springfield, Missouri in which you have denied a claim against Control Services, Inc., for damage to a sewer manhole and cover. The reason for denial of this claim is that Control Services, Inc., was not working in or around that area on October 1, 1982. This letter is to clarify to you that our claim did not mean to indicate that the damage happened on October 1, 1982, but that was the date the damage was discovered by City employees. The damage was never reported to the City but was found during our routine checking of the sewer system. Our inspection of this area revealed that the entire right of way for City Utilities' power line had been cleared of all brush and trees. The sewer manhole was within the area of this clearing and it was evident to the City that the damage was caused by equipment removing the brush from the right of way.

Based on our observations it is felt that Control Services, Inc., damaged this sewer manhole and is responsible for payment for repairs. It should be noted that this damage should have been reported to the City immediately because a blockage in the sewer line and backups into basements and into streams could have occurred. We would appreciate your prompt review of this matter and payment of the claim in the amount of \$269.94.

If you require further information, please let me know.

Very truly yours,

Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

RRS:cc

cc: Mrs. Dixie Fountain, C.U. Legal Department

MAISC

AUTO-OWNERS INSURANCE COMPANY  
AUTO-OWNERS LIFE INSURANCE COMI  
HOME-OWNERS MUTUAL INSURANCE CO.  
OWNERS INSURANCE CO.  
PROPERTY-OWNERS INSURANCE CO.



BRANCH CLAIM OFFICE  
Box 68, Oskaloosa, Iowa 52577  
Phone: (515) 673-8301

December 17, 1982

City Utilities  
301 E Central St  
Jewell PO Box 551  
Springfield, MO 65801

ATTN: Mrs. Dixie Fountain  
Paralegal Assistant

RE: File No: 26 5157 82  
Insured: Control Services, Inc. etal  
D/Loss : 10/1/82

To Mrs. Dixie Fountain:

Your letter dated 11/29/82 and directed to Control Services, Inc. in Marion, IA has now been turned in to our agent's office and then to me. From the information given to us by Mr. Hoover of Control Services, Inc. they did not damage the manhole as you allege.

It is our understanding that they were not working in or around that area on 10/1/82. Please accept this letter as the denial of your claim against Control Services, Inc.

Very truly yours,

*R. J. Poindexter*  
R. J. Poindexter  
Claims Adjuster

RJP:cc

cc: Mr. Herbert Hoover  
Rt 2  
Marion, IA 52302

IAS, Inc.  
PO Box 646  
Marion, IA 52302

Mr. Dale Lindsey  
Auto Owners Ins. Co.  
PO Box "H"  
Camdenton, MO 65020

MISC.

SPRINGFIELD, MISSOURI

301 E. CENTRAL STREET  
JEWELL P.O. BOX 551  
SPRINGFIELD, MISSOURI 65801  
TELEPHONE 417- 831-8311

November 29, 1982

Control Services, Inc.  
Box 25  
Marion, Iowa 52302

Re: Contract No. 507-E  
Brush Mower Clearing

Gentlemen:

We enclose billing in amount of \$269.94 from the City of Springfield, Missouri, for damage to manhole cover on October 1, 1982. Under the terms of the contract, we request that the billing by the City of Springfield be promptly handled by Control Services or your insurance carrier.

Very truly yours,

CITY UTILITIES OF SPRINGFIELD, MO

By: \_\_\_\_\_  
Mrs. Dixie Fountain  
Paralegal Assistant

DF/pk

cc: Dale Lindsey - Auto-Owners Ins.  
Bill Foster - City of Springfield, Dept. of Public Works  
Fred Ipock  
Jack Hadsall  
Nancy Goth

MISC.

City of Springfield, Missouri

SPRINGFIELD, MO.,

November 9

19 82

M Electric Dept.  
 City Utilities  
 301 E. Central  
 Springfield, MO

The following is the amount of labor, material and equipment used to repair manhole which was damaged by C.U. cleaning out brush north of Dickerson Zoo Park 10-1-82:

Labor	\$122.72
Material	29.22
Equipment	<u>118.00</u>
TOTAL	\$269.94

PAYMENT DUE WITHIN 30 DAYS OF STATEMENT DATE

Please make check payable to City of Springfield and forward to:

Sanitary Services Division  
 Room 210, City Hall  
 830 Boonville  
 Springfield, MO 65802

CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE SEP 30 1982  
GENERAL SANITATION SECTION

Date September 27, 1982

Time        A.M., 2:00 P.M.

Lab. No.        Misc.       

Sealed (X) Unsealed ( )

Official (X) Unofficial ( )

(Fill in this space if illness occurred)

No. persons ill        Symptoms       

Time of ingestion       

Time of onset of symptoms       

Sample submitted by:

Name Karen Chandler

Address 1216 West Nichols, Missouri

Sample of Ritter Spring Perishable ( ) Non-perishable ( )

Condition of sample on arrival : Satisfactory ( ) Unsatisfactory ( ) Iced ( )

Name of Manufacturer         
(If not same as above)

Address       , Missouri

Reason for analysis test for flourescin dye (yellow-green)

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons ( ), Federal Standards ( ), Insects  
(Eggs & Larvae) ( ), Insect fragments ( ), Sulphites ( ), Preservatives ( )  
Starches or cerals ( ), Filth ( ), Other ( ), Dye

Bacteriological - - - -  
Total Count ( ), Coliform ( ), Other       

        
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst        Date 9-28-82

No color after 24 hours extraction

(Use back for additional information)

MISSC.



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE \_\_\_\_\_ April 16, 1982

DEPARTMENT \_\_\_\_\_

On April 10, 1982, I received a phone call from Bob Corson about a fish kill in the Sac River. I took conductivity meter readings (the dissolved oxygen meter wasn't working) and samples of the river above the Northwest Treatment Plant, at the Plant discharge, 50 yards below the Plant discharge, the Sac River at old Highway 13, and the Sac River at O Highway. Conductivity meter readings were:

Bridge above N.W. Plant	320
Discharge from Plant	1500
50 yds. below N.W. Plant	1200
Sac at old 13	900
Sac at O	470

While I was at the Northwest Treatment Plant, John Thomas, an agent for the Missouri Department of Conservation, was also there taking samples. He had counted approximately 170 dead carp (between 12 and 15 inches long) and 9 dead buffalo. It was his opinion that the kill had happened between a week and two weeks before.

cc: Bob Schaefer, P.E., Superintendent of Sanitary Services

*Karen Chandler*

Karen Chandler  
Water Pollution Control Inspector

SIGNED \_\_\_\_\_ Surveillance & Enforcement

*misc.*



Look on left side of Refrigerator

INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

APR 30 1982

Plant N. W. TREATMENT PLANT SIC \_\_\_\_\_ Date 4/10/82 Time 1:15  
Sampling point BRIDGE ABOVE PLANT Method GRAB  
Set up by \_\_\_\_\_ Removed by CHANDLER Time \_\_\_\_\_  
Flow \_\_\_\_\_ Meter Start \_\_\_\_\_ Meter Ending \_\_\_\_\_  
Seal \_\_\_\_\_ Entered in billing file \_\_\_\_\_ by \_\_\_\_\_

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub> ✓			25	
2			Total SS ✓			4	
3			pH ✓			8.04	
4			Organic Carbon ✓				
5			Total Carbon ✓				
6			C.O.D. ✓				
7			O-PO <sub>4</sub> -P ✓				
8			TP ✓				
9			NH <sub>3</sub> -N ✓			0.4	
10			TKN ✓				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15			Cd				
16			Cr				
17			Cu				
18			CN <sup>-</sup>				
19			Pb				
20			Zn				
21			Ni				
22			cond 320				
23							
24							

INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

APR 30 1982

Plant N.W. TREATMENT PLANT SIC \_\_\_\_\_ Date 4/10/82 Time 1:30  
 Sampling point PLANT DISCHARGE Method CRAB  
 Set up by \_\_\_\_\_ Removed by CHANDLER Time \_\_\_\_\_  
 Flow \_\_\_\_\_ Meter Start \_\_\_\_\_ Meter Ending \_\_\_\_\_  
 Seal \_\_\_\_\_ Entered in billing file \_\_\_\_\_ by \_\_\_\_\_

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub> ✓			26	
2			Total SS ✓			32	
3			pH ✓			7.80	
4			Organic Carbon ✓				
5			Total Carbon ✓				
6			C.O.D. ✓				
7			O-PO <sub>4</sub> -P ✓				
8			TP ✓				
9			NH <sub>3</sub> -N ✓			31.6	
10			TKN ✓				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15			Cd				
16			Pb				
17			Cu				
18			CN <sup>-</sup>				
19			Zn				
20			Pb				
21			Ni				
22							
23							
24							

INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

APR 30 1982

Plant N. PLANT SIC \_\_\_\_\_ Date 4/10/82 Time 2:00  
 Sampling point SD YDS BEDW DRYCHARGE Method CRAP  
 Set up by \_\_\_\_\_ Removed by CHANDLER Time \_\_\_\_\_  
 Flow \_\_\_\_\_ Meter Start \_\_\_\_\_ Meter Ending \_\_\_\_\_  
 Seal \_\_\_\_\_ Entered in billing file \_\_\_\_\_ by \_\_\_\_\_

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub> ✓			19	
2			Total SS ✓			24	
3			pH ✓			7.82	
4			Organic Carbon ✓				
5			Total Carbon ✓				
6			C.O.D. ✓				
7			O-PO <sub>4</sub> -P ✓				
8			TP ✓				
9			NH <sub>3</sub> -N ✓			23.2	
10			TKN ✓				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15			Cd				
16			Cr				
17			Cu				
18			CN-				
19			Zn				
20			Pb				
21			Ni				
22							
23							
24							



INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

APR 30 1982

Plant SAC AT O SIC \_\_\_\_\_ Date 4/10/82 Time 2:45  
 Sampling point \_\_\_\_\_ Method GRAB  
 Set up by \_\_\_\_\_ Removed by CHANDLER Time \_\_\_\_\_  
 Flow \_\_\_\_\_ Meter Start \_\_\_\_\_ Meter Ending \_\_\_\_\_  
 Seal \_\_\_\_\_ Entered in billing file \_\_\_\_\_ by \_\_\_\_\_

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub> ✓			.7	
2			Total SS ✓			29	
3			pH ✓			8.52	
4			Organic Carbon ✓				
5			Total Carbon ✓				
6			C.O.D. ✓				
7			O-PO <sub>4</sub> -P ✓				
8			TP ✓				
9			NH <sub>3</sub> -N ✓			1.1	
10			TKN ✓				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15			Cd				
16			Cr				
17			Cu				
18			CD-				
19			Zn				
20			Pb				
21			Ni				
22							
23							
24							

INDUSTRIAL WASTE  
MONITORING AND ANALYSES REPORT

APR 30 1982

Plant SAC AT OLD 13 SIC \_\_\_\_\_ Date 4/10/82 Time 2:30  
 Sampling point \_\_\_\_\_ Method RAB  
 Set up by \_\_\_\_\_ Removed by CHANDLER Time \_\_\_\_\_  
 Flow \_\_\_\_\_ Meter Start \_\_\_\_\_ Meter Ending \_\_\_\_\_  
 Seal \_\_\_\_\_ Entered in billing file \_\_\_\_\_ by \_\_\_\_\_

Sample No.	Time	Meter Reading	Test	Date	Analyst	Result	#
1			BOD <sub>5</sub>			1.4	
2			Total SS			9	
3			pH			7.77	
4			Organic Carbon				
5			Total Carbon				
6			C.O.D.				
7			O-PO <sub>4</sub> -P				
8			TP				
9			NH <sub>3</sub> -N			14.3	
10			TKN				
11			Phenol				
12			Oil & Grease				
13			Nitrate				
14			Nitrite				
15			Cd				
16			Cr				
17			Cu				
18			Pb				
19			Zn				
20			Pb				
21			Ni				
22							
23							
24							

March 30, 1982

Melvin Simon and Associates  
P.O. Box 7033  
Indianapolis, Indiana 46207

Dear Sirs:

Please find enclosed information you requested. If we can be of further assistance, please don't hesitate to call.

Yours truly,

Robert E. Corson  
Water Pollution Control Inspector III  
Surveillance & Enforcement

REC:js

cc: File

W1 SC.

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE July 23, 1981

DEPARTMENT \_\_\_\_\_

On June 19, 1981, there was a heavy rainstorm in Springfield that caused heavy flooding at the Northwest Treatment Plant. This excess storm water resulted in extensive equipment damage at the plant, causing the Northwest Treatment Plant to be inoperable for several days. Personnel from this office took samples of the Pea Ridge Creek above the plant, at the discharge from the Northwest Treatment Plant, 50 yds. below the plant discharge, the Sac River at the bridge on old Highway 13, the Sac at the bridge on Highway 0, and the Sac at bridge on Highway BB. The samples were taken on June 21 through June 28. The conductivity and dissolved oxygen tests were performed at the sampling site. The results of these tests are attached.

*Karen Chandler*

Karen Chandler

SIGNED Water Pollution Control Inspector II

*MISC. Sampling*



DATE	TIME	LOCATION	TEMP. (°C)	CONDUCTIVITY	D.O.	pH	S.S. (mg/l)	B.O.D. (mg/l) <sup>5</sup>	FECAL COLIFORM (/100ml)	MISCELLANEOUS
6-20-81		Pea Ridge at Grant							62,000	
		North Plant effluent							544,000	
	4:00 p.m.	Old Hwy. 13 bridge	18.0	230	6.5	7.10		1	27,200	
	4:25 p.m.	Hwy 0 bridge	20.0	290	6.5	7.05		<1	23,200	
	5:00 p.m.	Hwy BB bridge	18.0	200	6.1	7.17		1	19,000	
6-21-81	10:25 a.m.	North Plant effluent	20.0	385	3.6	7.16				
	10:20 a.m.	North Plant effluent 50 yds. downstream	18.5	250	7.1	7.16		1	165	
	10:45 a.m.	Old hyw. 13 bridge	20.0	270	6.0	7.31		<1	17,800	
	11:20 a.m.	Hwy. 0 bridge	19.0	280	6.4	7.35		1	5,373	
	11:30 a.m.	Hwy. BB bridge	19.0	290	7.2	7.51		1	8,950	
6-22-81	12:04 p.m.	Pea Ridge above plant	16.0	280	8.4	7.30		15	6,800	
	12:14 p.m.	North Plant effluent	21.0	300	4.5	7.21	74	25	908,000	
	8:50 a.m.	North Plant effluent 50 yds. downstream	18.0	300	7.4	7.01		9	<1	
	9:10 a.m.	Old hwy. 13 bridge	19.0	280	7.6	7.05		3	200	
	9:32 a.m.	Hwy. 0 bridge	19.0	290	6.5	7.13		2	2,450	
	10:00 a.m.	Hwy BB bridge	19.5	320	7.4	7.23		7	2,500	
6-23-81	8:43 a.m.	Pea Ridge above North Plant	17.0	225	8.6	7.51		7	940	
	8:51 a.m.	North Plant effluent	21.0	500	4.2	7.32	132	51.0		No coliform bottle
	9:00 a.m.	North Plant effluent 50 yds. downstream	17.5	340	6.4	7.50		7	TNTC	
	---	Old Hwy. 13 bridge	17.5	290	7.2	7.41		6	244,000	
	9:45 a.m.	Hwy. 0 bridge	20.0	300	7.4	7.54		3	77,000	
	10:11 a.m.	Hwy. BB bridge	19.0	320	7.8	7.53		3	26,900	
6-24-81	9:15 a.m.	Pea Ridge above North Plant	19.0	280	7.7			2	400	
	9:00 a.m.	North Plant effluent	19.0	700	3.5	7.22	27	3	2,000	

DATE	TIME	LOCATION	TEMP. (°C)	CONDUCTIVITY	D.O.	pH	S.S. (mg/l)	B.O.D. <sup>5</sup> (mg/l)	FECAL COLIFORM (/100ml)	MISCELLANEOUS
6-24-81	9:30 a.m.	North Plant effluent 50 yds. downstream	20.0	460	6.2	7.43		2	<100	
	10:00 a.m.	Old Hwy. 13 bridge	20.0	360	6.0	7.51		2	84,000	
	10:30 a.m.	Hwy. O bridge	20.0	340	6.4	7.68		3	16,250	
	10:45 a.m.	Hwy. BB Bridge	20.0	340	6.7	7.88		4	300	
6-25-81	8:20 a.m.	Pea Ridge above North Plant	19.5	295	8.2	7.68		<1	637	
	8:25 a.m.	North Plant effluent	18.5	650	3.2	7.19	69	3	<4	
	8:35 a.m.	North Plant effluent 50 yds. downstream	19.0	390	6.4	7.45		1	<10	
	8:45 a.m.	Old Hwy. 13 bridge	19.5	340	6.6	7.19		2	1,000	
	9:02 a.m.	Hwy. O bridge	18.5	345	6.7	7.47		4	1,750	
	9:30 a.m.	Hwy. BB bridge	18.5	360	7.0	7.56		1	720	
6-26-81	9:45 a.m.	Pea Ridge above North Plant	18.5	325	8.6	7.59		<1	3,560	
	9:50 a.m.	North Plant effluent	20.0	700	3.2	7.24	17	3	176	
	10:00 a.m.	North Plant effluent 50 yds. downstream	19.0	430	7.1	7.42		2	388	
	9:25 a.m.	Old Hwy. 13 bridge	19.0	370	6.7	7.41		<1	125	
	9:05 a.m.	Hwy. O bridge	19.0	370	6.8	7.56		1	310	
	8:45 a.m.	Hwy. BB bridge	20.0	350	7.8	7.78		<1	365	
6-27-81	8:55 a.m.	Pea Ridge above North Plant	17.5	325	7.5	7.48		<1	600	
	9:00 a.m.	North Plant effluent	19.5	750	4.5	7.17	23	7	106	
	9:15 a.m.	North Plant effluent 50 yds. downstream	18.5	450	6.2	7.28		1	60	
	8:40 a.m.	Old Hwy. 13 bridge	17.5	400	1.0	7.28		<1	1,810	
	8:25 a.m.	Hwy. O bridge	19.0	360	6.1	7.41		23	480	

DATE	TIME	LOCATION	TEMP. (°C)	CONDUCTIVITY	D.O.	pH	S.S. (mg/l)	B.O.D. <sub>5</sub> (mg/l)	FECAL COLIFORM (/100ml)	MISCELLANEOUS
6-27-81	8:00 a.m.	Hwy. BB bridge	20.0	370	7.0	7.71		<1	350	
6-28-81		Pea Ridge above North Plant	18.0	340	8.4	7.62		<1	175	
		North Plant effluent	19.0	600	7.0	7.37		2	167	
		North Plant effluent 50 yds. downstream	19.0	480	8.0	7.33		3	52	
		Old Hwy. 13 bridge	19.0	425	5.5	7.46		2	103	
		Hwy. 0 bridge	20.0	380	5.7	7.47		1	345	
		Hwy. BB bridge	19.0	370	7.0	7.68		<1	395	

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE \_\_\_\_\_ 2-9-81 \_\_\_\_\_

DEPARTMENT \_\_\_\_\_

RE: Pressure line break at the Southeast Lift Station

Sometime Friday morning, January 30, 1981, the 16" pressure line from the Southeast Lift Station broke. This occurred approximately  $\frac{1}{2}$  mile up from the lift station, just west of Lone Pine Street. Raw sewage was bypassed from the lift station to Galloway Creek for 72 hours. Rate of discharge looked to be 200 gallons a minute for a total of 864,000 gallons. The discharge was chlorinated.

Eugene Pabst  
Water Pollution Control Inspector III  
Surveillance & Enforcement

EP:js

my SC

SIGNED \_\_\_\_\_



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Robert R. Schaefer, P.E.

DATE September 3, 1980

DEPARTMENT Sanitary Services

Re: Camera stolen from P2-24

At approximately 8:00 A.M. it was noticed that someone had apparently broken into P2-24 over the Labor Day weekend. There was no damage to the vehicle, but the contents of the glove compartment were spread across the passenger side of the front seat. After checking all the equipment in the vehicle, the only thing that was missing was the Kodak Packet Instamatic Camera, valued at approximately \$30.00.

P2-24 is always parked inside the garage behind the sewer maintenance building when it is not in use, and is locked.

SIGNED

*Gene Pabst*  
Gene Pabst

misc.

June 30, 1980

Certified Mail  
Receipt No PO4 9037022

Shaver Trucking Inc.  
3600 Highway 68 West  
Springdale, Ark. 72764

Dear Sir:

Please be advised that on Tuesday, June 17, 1980, personnel from the City of Springfield Water Pollution Control Section, Surveillance and Enforcement Branch, responded to a diesel fuel spill within the corporate limits of the City. The spill occurred when Mr. Phil Reid, a driver for your company, overturned truck number 105 in a ditch, spilling approximately 50 gallons of diesel fuel into the ditch. This resulted in City personnel having to remove the diesel fuel from the ditch.

The ordinances of the City provide for the recovery of the costs involved in the abatement of a violation under emergency conditions. Payment of those costs should be made to the City of Springfield, Sanitary Services Department and sent to:

City of Springfield  
City Hall, Room 210  
830 Boonville  
Springfield, Mo. 65802  
Attention: Mr. Robert Schaefer

Attached to this letter please find a detailed explanation of the costs involved and a copy of Chapter 30 of the Springfield City Code. If you have any questions, please don't hesitate to call

Yours truly,

Karen A. Chandler  
Water Pollution Control Inspector II  
Surveillance and Enforcement

cc: Robert R. Schaefer, P. E., Superintendent of Sanitary Services  
John R. Nixon, Missouri Department of Natural Resources  
Doug Frame, Oil and Hazardous Materials Spills, E. P. A.  
Rred Fantauzzi, Director of Finance

ADDRESS UNKNOWN



Karen,

7/7

Charlene called and said  
that they received a check  
from Schaffer Trucking Co.  
paying for the cleanup of  
their spill. The check no.  
~~17458~~ is 17458 and the amount  
is \$82.47. if you want to make  
note of this in the file

XV  
10/11/52



PERSONNEL COSTS: SURVEILLANCE AND ENFORCEMENT

June 17, 1980	Burden Rate	Time at Site	Cost
K. Chandler	9.24	2 hours	\$18.48
R. Corson	12.96	2 hours	25.92
R. Lyman	12.96	1 hour	12.96
S. Short	10.54	1 hour	10.54

PERSONNEL COSTS: SEWER MAINTENANCE

June 17, 1980	Burden Rate	Time at Site	Cost
W. Duncan	9.15	.5 hours	4.57

EQUIPMENT COST

June 17, 1980			
Dump Truck Miles (T2-47)- 6 at .50/mile			3.00
4 WD Truck Miles (P2-22)-10 at .35/mile			3.50
" " " (P2-15)-10 at .35/mile			<u>3.50</u>

TOTAL COST . \$82.47

April 30, 1980

Dusty Rhodes  
Rhodes Concrete Products  
3938 S. Lone Pine  
Springfield, Missouri 65804

Dear Mr. Rhodes:

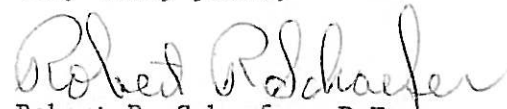
I have reviewed the sketch which you have submitted for construction of a sampling pit which the City routinely requires for industries and other businesses. This letter is to indicate my approval of this sampling pit with the following stipulations:

1. All joints must be properly sealed with RAM NEK in accordance with the City's manhole requirements.
2. Although a 2" wall thickness on the sampling pit should be sufficient in most cases, a thicker wall may be required in traffic areas.
3. The manhole ring must be properly attached to the sampling pit such that surface water is excluded at this connection.

I have no real idea of how many of the sampling pits will be required in the City, but the new Pretreatment Regulations, which should go into effect January 1, 1981, will require some of these to be installed at existing industries. These sampling pits will also be required at any new industry or commercial business which discharges waste which is significantly different than domestic type sewage.

I would be interested in seeing a sketch on the grease trap which your company is producing. If any further information is needed, please let me know.

Very truly yours,



Robert R. Schaefer, P.E.  
Superintendent of Sanitary Services

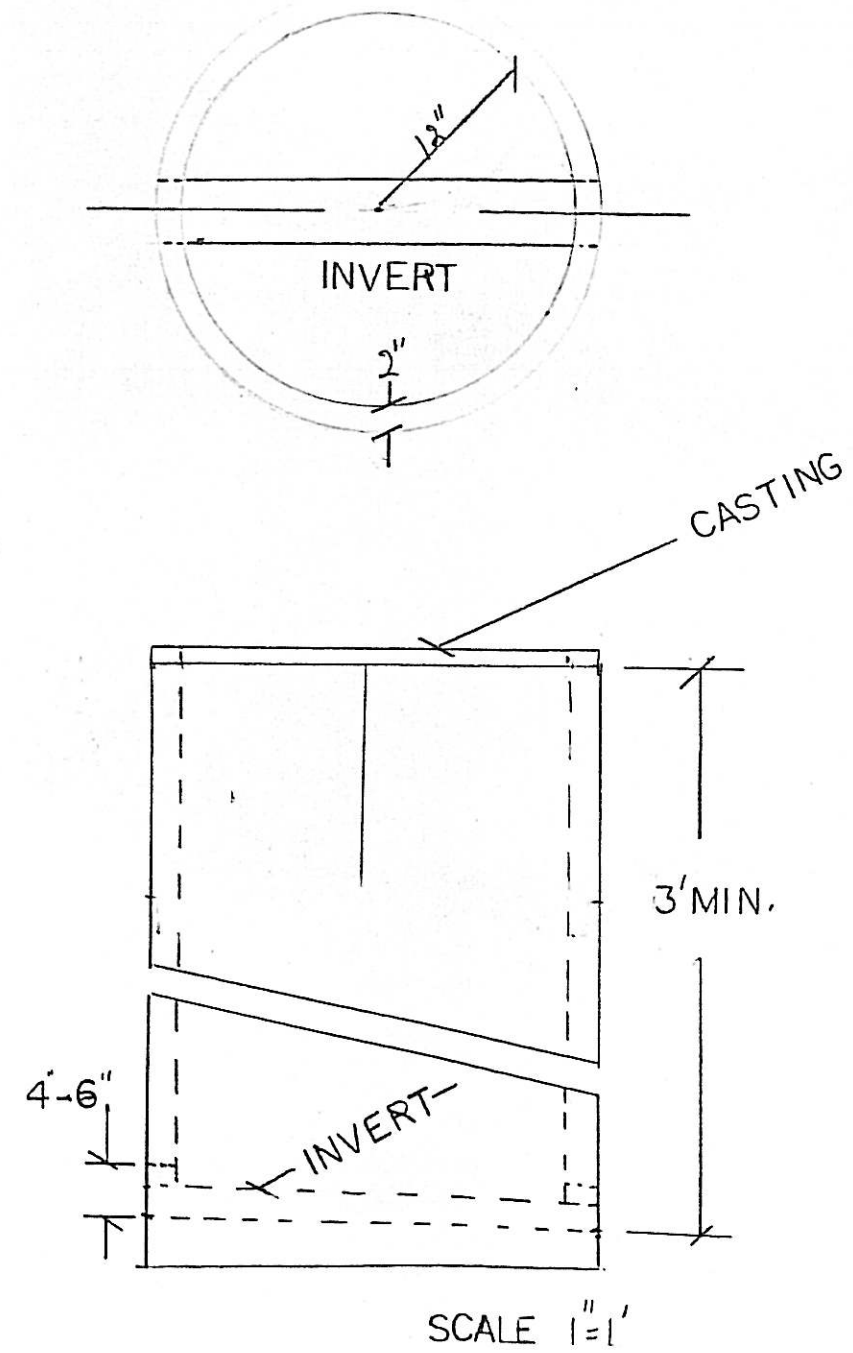
RRS:cc

cc: Water Pollution Control ✓

MISC.

# SAMPLING PIT

STEEL REINFORCED CONCRETE



February 19, 1980

Department of Public Works  
8500 Santa Fe Drive  
Overland Park, Kansas 66212

Dear Sirs:

The Water Pollution Control Section of the City of Springfield, Missouri is researching ordinances dealing with the testing of underground storage vessels.

Springfield has experienced numerous incidents of gasoline contaminating ground-water, infiltrating sanitary and storm sewers, and creating hazardous conditions in buildings, the most recent case being the abandonment of a grade school for the remainder of the current school year.

This office has been advised that Overland Park's ordinance has been effective and would appreciate a copy of your ordinance and any information that might be helpful.

If you have any questions please do not hesitate to contact this office.

Yours truly,

Stephen Short  
Water Pollution Control Inspector II  
Surveillance and Enforcement

SDS:js

cc: William Hayes, Environmental Geologist

mi SC.

February 19, 1980

Mr. Richard J. Larson  
Director of Public Works  
City of Champaign  
1018 West Charles Street  
Champaign, Illinois 61820

Dear Mr. Larson:

The Water Pollution Control Section of the City of Springfield, Missouri is researching ordinances dealing with the testing of underground storage vessels.

Springfield has experienced numerous incidents of gasoline contaminating ground-water, infiltrating sanitary and storm sewers, and creating hazardous conditions in buildings, the most recent case being the abandonment of a grade school for the remainder of the current school year.

This office has been advised that Champaign's ordinance has been effective and would appreciate a copy of your ordinance and any information that might be helpful.

If you have any questions please do not hesitate to contact this office.

Yours truly,

Stephen Short  
Water Pollution Control Inspector II  
Surveillance and Enforcement

SDS:js

cc: William Hayes, Environmental Geologist

M.S.C.

February 19, 1980

Mr. George H. Fairfield  
Director of Public Works  
City of Kearney  
P. O. Box 489  
Kearney, Nebraska 68847

Dear Mr. Fairfield:

The Water Pollution Control Section of the City of Springfield, Missouri is researching ordinances dealing with the testing of underground storage vessels.

Springfield has experienced numerous incidents of gasoline contaminating ground-water, infiltrating sanitary and storm sewers, and creating hazardous conditions in buildings, the most recent case being the abandonment of a grade school for the remainder of the current school year.

This office has been advised that Kearney's ordinance has been effective and would appreciate a copy of your ordinance and any information that might be helpful.

If you have any questions please do not hesitate to contact this office.

Yours truly,

Stephen Short  
Water Pollution Control Inspector II  
Surveillance and Enforcement

SDS:js

cc: William Hayes, Environmental Geologist

MISC.

January 29, 1980

Mr. Bob Bashor:  
Administrative Assistant to the  
Director of Public Works  
303 East Third Street  
Joplin, Missouri 64801

Dear Mr. Bashor:

Please find enclosed a copy of the City of Springfield Industrial Waste  
Questionnaire. This questionnaire is a modified form of the questionnaire  
as provided by the E.P.A. I hope this will help you in your development  
of Joplin's Pretreatment Program.

If we can be of further assistance please do not hesitate to contact us.  
Our address is:

City of Springfield  
Water Pollution Control  
1216 West Nichols  
Springfield, Missouri 65804  
Telephone: (417) 865-1611, Ext. 120

Yours truly,

Robert Corson  
Water Pollution Control Inspector III  
Surveillance and Enforcement

RC:js



January 22, 1980

Mr. Jack Snead  
Snead Safety Sales  
507 Hazel Road  
Buckner, Missouri 64016

Dear Mr. Snead:

This office purchased a Scott Air-Pak II from your company. Our unit  
S/N 97-100135, 800212-00 appears to be subject to the Scott recall.

Would you please send the replacement parts to:

Water Pollution Control  
1216 West Nichols  
Springfield, Missouri 65802

If we can be of any assistance, please feel free to call.

Yours truly,

Stephen Short  
Water Pollution Control Inspector II  
Surveillance and Enforcement

SDS:js

MISO.

CITY OF SPRINGFIELD, MISSOURI  
SOUTHWEST WASTEWATER TREATMENT PLANT  
LABORATORY ANALYSIS REQUEST

DATE IN: 6/20/79  
SAMPLE DESCRIPTION AND PHYSICAL APPEARANCE: South West James River Power Plant

CHECK ANALYSIS DESIRED:

☒ SUSPENDED SOLIDS 30 mg/l Date: 6/20  
☒ BOD<sub>5</sub> 4 mg/l Date: 6/20  
COD \_\_\_\_\_ mg/l Date: \_\_\_\_\_  
☒ pH 9.02 Date: 6/20  
NH<sub>3</sub>-N \_\_\_\_\_ mg/l Date: \_\_\_\_\_  
PO<sub>4</sub> ORTHO \_\_\_\_\_ mg/l Date: \_\_\_\_\_  
CARBON C<sub>T</sub> \_\_\_\_\_ C<sub>I</sub> \_\_\_\_\_ C<sub>O</sub> \_\_\_\_\_ Date: \_\_\_\_\_  
TOXICITY \_\_\_\_\_ Date: \_\_\_\_\_  
HEAVY METALS (SPECIFY): \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_  
OTHER (SPECIFY): \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_

REPORT OUR: Date: 7/2/79  
By: 8

C. U. Mica. Southwest Power Plant

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo to File

DATE May 18, 1979

DEPARTMENT \_\_\_\_\_

On Friday, May 17, 1979 the files for both W & S Farms, Inc. and Ellex Transportation Company were turned over to the Legal Department for prosecution, due to non-payment of bills for spill cleanup.

SIGNED Gene Pabst  
Gene Pabst

To Gene

Date 6-26-76 Time 4:00 By \_\_\_\_\_

*While You Were Out*

Mr. \_\_\_\_\_

of \_\_\_\_\_

- |  |  |
|--|--|
| <input type="checkbox"/> Telephoned      | <input type="checkbox"/> Called to See You |
| <input type="checkbox"/> Will Call Again | <input type="checkbox"/> Wants to See You  |
| <input type="checkbox"/> Please Call Him | <input type="checkbox"/> Rush !            |

Phone \_\_\_\_\_

Message \_\_\_\_\_

*We have received check #002215  
of \$203.<sup>93</sup> from Eller Trans.  
for the spill out at Get-n-Go.*

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

DATE May 18, 1979

ATTENTION OF Memo to File

DEPARTMENT

On Friday, May 17, 1979 the files for both W & S Farms, Inc. and Ellex Transportation Company were turned over to the Legal Department for prosecution, due to non-payment of bills for spill cleanup.

SIGNED   
Gene Pabst

CITY OF SPRINGFIELD

N. 246

\$102 <sup>51</sup>

SPRINGFIELD, MO., April 25, 19 79

Received from Fireman's Fund Ins. Company

One Hundred Two 51/100 100 Dollars

Payable to Fireman's Fund Ins. Company - Transport & Delivery

Service

Fireman's  
Claim # 606043

Robert R. Schaefer  
C.E.

Robert R. Schaefer



April 23, 1979

Alexander and Alexander  
Ms. Jan Brace, Claims Dept.  
Fifteen West Sixth Street  
Tulsa, Oklahoma 74119

Dear Ms. Brace:

On February 26, 1979, the City of Springfield sent an itemized bill to Mr. Bob Wiruth, President of Transportation Delivery Service, Tulsa, Oklahoma for the cleanup of a diesel spill that occurred within the corporate limits of the City. This office received a letter from Mr. Wiruth dated March 2, 1979, stating that the matter had been turned over to your company. Enclosed please find a copy of all correspondence between this office and the office of Transportation Delivery Service.

Some time has passed since this matter was turned over to your company. And as of the writing of this letter the City has not received payment for these expenses. Please be advised that this matter will be turned over to the City Attorney for appropriate action if this office does not receive payment in full within fifteen (15) days from the date of this letter.

If you have any questions, please feel free to call.

Yours truly,

Gene Pabst  
Water Pollution Control Inspector III  
Surveillance and Enforcement

GP:pg

Enclosures

cc: Mr. Robert R. Schaefer, Superintendent of Sanitary Services  
Mr. Howard Wright, City Attorney

## Chemical spill cleanup method in derailment violates state law

STURGEON (AP) — A toxic chemical spilled when a Missouri Pacific freight train derailed near Sturgeon Jan. 11 is not being disposed of properly, a state official said Wednesday.

The chief of hazardous waste management for the Department of Natural Resources said the company hired, Western Environmental Inc. of Portland, Ore., has been dumping the material in an open pit on land leased near the spill site.

Robert Robinson said the company apparently plans to neutralize the material there, then move the remaining liquid and contaminated soil to a permanent site.

Robinson said the company did not have authorization to place the material in the pit. He said state law requires that such material be placed in a permanent site, and that such a pit would not be considered permanent.

He expressed concern the company could change plans and not treat the material as promised. He said the department is concerned about a federal law which says that if there is no danger to surface water, the Environmen-

tal Protection Agency has no authority to move the waste from the pit.

Although it might not be a threat to surface water, any material left behind in the pit could be a threat to ground water, Robinson said.

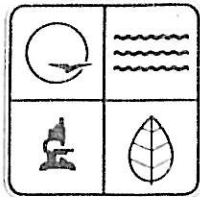
The DNR order would give Western 30 days in which to

remove all the hazardous material from the pit. State law calls for possible fines of \$1,000 a day for failure to comply.

State officials said they had been told the material would be loaded into 55 gallon drums and transported to a waste disposal site at

Wright City or burned in an incinerator.

A Western spokesman, Cary Bechtolt, was quoted the day of the spill saying the waste would be placed in the drums and buried at Wright City or some other site acceptable to state officials.



3.100 Greene County

July 17, 1978

Mr. Steven Brady, P.E.  
Anderson Engineering, Inc.  
730 North Benton Avenue  
Springfield, MO 65802

RE: Hadley Place Subdivision  
Phase One

Dear Sir:

The plan for wastewater disposal in the above referenced project has been reviewed and the following comments and recommendations are made for your consideration.

1. In general, the proposed use of a central sewer system to serve this project is in accordance with the subdivision regulations; however, the report needs to show both the need and the feasibility for the interim use of on-site waste disposal.
2. The report must indicate the extent of the hardpan found in test pit 1 so that the developer will be aware of the area in which he must take special precautions.
3. Even if the fragipan can be successfully penetrated, it is unlikely that the shallow depth to the penetrated bedrock will provide adequate protection of the groundwater. When evaluating a site as to suitability for the use of septic tank-lateral fields the ability of the soil to absorb and filter the wastewater must be considered not just its percolation rate.
4. A report from the Missouri Geological Survey was not included with the submittal.
5. Based on the normal permeability for Pembroke soils, is it feasible to place a traditional septic tank-lateral field on the small lots shown on the plat.
6. The plan for wastewater disposal must be approved prior to the construction of any dwelling in a subdivision.

Further consideration will be given to approval of the report upon receipt of your response to the above comments and recommendations.

Yours truly,

Stephen S. Kintner  
Environmental Specialist II  
Springfield Regional Office

Joseph P. Teasdale Governor

Carolyn Ashford Director

Springfield Regional Office

SSK/cg

C.C. Mr. Herbert Hadley

✓ City of Springfield's Sanitary Services Department

MISC.

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
1155 E. Cherokee St. Springfield, Missouri 65807 (417) 883-4033



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo to file

DATE April 26, 1978


DEPARTMENT Water Pollution Control

Re: Snap-On Tools

I have received an inquiry by telephone from Mr. Floyd Preslan, representing the above referenced company. (see attached letter) They are looking at property in Springfield this week with the idea of locating a manufacturing operation. It would involve plating; predominantly Nickel and Chromium; and could have a discharge volume of as much as 200,000 gallons per day (8000 ccf/mo.  $\pm$ ).

CHC	OK
REC	REC
EDP	C.D.P.
SDS	S.D.S.
JRL	JRL
JDS	JDS
DRD	DRD

mcc

SIGNED   
Harry Criswell

April 26, 1978

Mr. Floyd Preslan  
Snap-On Tools  
2801 80th Street  
Kenosha, Wisconsin 53140

Dear Mr. Preslan:

Thank you for your recent telephone call in regard to the City's Sewer Use Ordinance. As per our discussion, please find the same enclosed. Additionally, please find an additional page entitled Appendix 4, which was published some years ago as an appendix to the State's Effluent Guidelines. It was not republished with the printing of the Effluent Regulations, so as we discussed, it is still in the posture of a guideline. It is however, the best guidance document we have in cases where pretreatment regulations have not been promulgated for the individual point source category in question.

If we may be of further assistance or your review of the material brings to mind additional questions, please do not hesitate to call on us.

Yours truly,

Charles H. Criswell  
Associate Environmental Engineer  
Chief, Water Pollution Control

CHC:pg

Enclosures: (2)

cc: Mr. John R. Nixon, Regional Administrator, Mo. Department of Natural Resources  
Public Works File

bcc: Surveillance and Enforcement File

WMS C



April 26, 1978

Mr. Burns Derrough  
Bell Building Systems Inc.  
2660 South Glenstone  
Suite 109A  
Springfield, Missouri 65804

Re: Dameron Color Lab

Dear Mr. Derrough:

After reviewing the material supplied by the Eastman Kodak Company in regard to the above reference, we are no less convinced, and in fact reinforced in our decision to require an access for periodic sampling and analysis. The range of values for biochemical oxygen demand, a significant portion of which is well above the City's domestic limits, is enough to prompt that decision by itself, regardless of whether or not heavy metal ions and/or other toxics are present, which seems to be a probability.

We employ the use of automatic samplers in our industrial monitoring program, which require a minimum vertical distance of twenty-four (24) inches. A diameter of twenty-four (24) inches is sufficient if there is no obstruction greater than two (2) inches. (e.g., manhole steps) It is our suggestion that a standard manhole be built giving access to the private building sewer prior to the waste entering and being mixed in the City's collection system. If you need, you may obtain specifications from the Engineering Division of Public Works, or from Mr. Robert R. Schaefer, the Superintendent of Sanitary Services.

Alternatively, you may at this time, simply provide a point of access where a grab sample may be taken. Our automatic samplers provide sampling over a long period of time, usually twenty-four hours, and we then perform the analysis on a composite sample. We feel that this method is much more accurate as a picture of the typical waste stream, and in fact a good deal fairer to the industry. We can take grab samples however, with as small an access as a clean-out plug, and you may provide the same, with full knowledge that in the case that grab samples would indicate a level of biochemical oxygen demand or suspended solids above domestic limits, or the presence of constituents not amenable to treatment in a biological system in amounts deemed by the City to be detrimental, that the City can and will require the construction of a sampling access as previously described at some future date.

*MISC. Dameron Color Labs*



Mr. Burns Derrough  
Page 2  
April 26, 1978

If we may be of further assistance or can answer any questions, please do not  
hesitate to call.

Yours truly,

Charles H. Criswell  
Associate Environmental Engineer  
Chief, Water Pollution Control

CHC:pg

cc: Mr. Roy Dameron, Dameron Color Lab  
Mr. Franklyn A. Ericson, Eastman Kodak Company  
Mr. Robert R. Schaefer, Superintendent of Sanitary Services  
✓ Mr. J. Randall Lyman, Surveillance & Enforcement  
Mr. John R. Nixon, Regional Administrator, Mo. Department of Natural Resources  
Public Works File

Gold Crown Egg Co. No evidence of a discharge as such. There is evidence of runoff from around solid waste container areas somewhat.

Hardy's Truck Parts No evidence of actual discharge.

Davis Automotive Discharge remains and pooling is occurring behind building.

Harker Paint Company No discharge to Jordan Creek.

R. T. French Lake in front is used as fire protection. Overflow would go north across I-44 in the direction of Valley Water Mill. No discharge into lake is visible.

MISC.

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo To File

DATE Sept. 1, 1977

DEPARTMENT \_\_\_\_\_

Gene Pabst and I talked to Warren Maytyrs of Warrens Radiator Repair. He stated the material running off his lot was not oil. He was advised to discontinue draining cooling systems on his lot. Hd was also advised to keep hhe radiator wash and painting runoff on his property.

? ADDRESS

SIGNED Stephen Short



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Mr. Robert Schaefer  
DEPARTMENT Sanitary Services

DATE August 10, 1977

These are the D.O. readings of the Little Sac River taken below the Northwest Treatment Plant. All readings were taken by this office except for the reading on July 31, 1977, which was taken by the Department of Natural Resources.

Sunday - July 31, 1977 1:00 - 4:00 p.m.

- A) 100 yards above the Old Highway 13 Bridge - 3 ppm.  
Approximately 20 carp in stress.
- B) Old Highway 13 Bridge - 8 - 9 ppm.
- C) Old Highway 13 Landfill - 8, 10, & 12 ppm.

Monday - August 1, 1977

- A) Old Highway 13 Bridge - 6.4 ppm. (2:00 p.m.)
- B) Farm Road 129 - 5.4 - 7.6 ppm. (2:30 p.m.)
- C) Farm Road 117 - 7.0 ppm. (2:50 p.m.)
- D) Highway 0 - 6.6 ppm. (3:05 p.m.)

Tuesday - August 2, 1977

- A) Old Highway 13 Bridge - 5.5 ppm. (2:15 p.m.)
- B) Farm Road 129 - 6.0 ppm. (2:30 p.m.)
- C) Farm Road 117 - 8.0 ppm. (2:45 p.m.)
- D) Highway 0 - 6.2 ppm. (2:55 p.m.)

Wednesday - August 3, 1977

- A) Old Highway 13 Bridge - 5.8 ppm. (2:40 p.m.)
- B) Farm Road 129 - 6.9 ppm. (2:50 p.m.)
- C) Farm Road 117 - 9.7 ppm. (3:00 p.m.)
- D) Highway 0 - 7.7 ppm.  
(3:05 p.m.)

SIGNED Gene Pabst

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo to file

DATE August 2, 1977

DEPARTMENT

Re: Discharge from old PFA  
store at 218 S. Glenstone

Bob Corson and I received a call from the Street Department on 8-1-77 concerning the above discharge. We checked and found a pipe emptying into the ditch from a sump pump inside the building. We went into the building and found the sump pit in the loading area. It ordinarily pumps only storm water, but this particular discharge was stemming from a leak in the automatic sprinkler system. The leak in the sprinkler was flowing into a trench drain in the loading area which is drained by the sump. We advised personnel there to contact the Fire Department about the leaking sprinkler system.

*WTH*  
SIGNED 

John T. Witherspoon



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Robert R. Schaefer

DATE July 11, 1977

DEPARTMENT Superintendent of Sanitary Services

Gary Pendergrass and I visited some of our high volume and high strength users concerning the diversion at the Southwest Plant due to construction and problems related thereto. The findings of our investigation is as follows:

Mid-America Dairymen - 10:25 - 10:40

Larry Boyd - Plant Manager

Put new cooling tower in operation last week, should cut flow. July 4 was end of peak production period. Indicated they would try and keep flow down as much as possible.

Syntex Agribusiness - 10:50 - 11:05

Larry Wakefield - Plant Manager

Will start spreading out discharge over 24 hour period instead of 6:00 a.m. to 6:00 p.m. Indicated they will cut back flow and allow lagoon to fill up as much as possible. We need to contact Syntex as soon as flow is going through plant so they can go back on pumping regular pumping schedule.

Kraft Foods - 11:30 - 11:45

Harold Mayo - Plant Manager

Indicated Kraft would do as much as possible to reduce loading such as controlling spillage and keeping drain strainers clean. Major sanitation shift will be Friday, 7-15-77, midnight to Saturday, 7-16-77, at 8:00 a.m.

Kraft Industrial - 1:15 - 1:30

Carl Ledgerwood - Quality Control Manager

Industrial plant has been down for the last two weeks. They are drying no cheese, only condensing. No major cleanup is expected for another 2-3 weeks.

R. T. French - 1:45 - 2:10

John R. Neff - Manager, Manufacturing Engineering

Indicated production is down and all they are presently doing is shipping. Plan to start up production Tuesday, 7-19-77. Only flow should be normal domestic flow.

SIGNED J. Randall Lyman  
J. Randall Lyman  
Water Pollution Control Inspector III  
Surveillance & Enforcement



# Bulletin

Institute of Industrial Launderers  
1730 M Street Northwest  
Suite 613  
Washington DC 20036  
(202) 296-6744

No. 121

Committee

Production Committee

June 1, 1977

To: All Active Members  
All Suppliers

IIL ENTERS COMMENTS  
ON WASTEWATER PRETREATMENT STANDARDS  
FOR EXISTING AND NEW SOURCES OF POLLUTION (40 CFR 403)

Our Bulletin No. 100, April 19, 1977, summarized a set of proposed regulations by the Environmental Protection Agency (EPA) covering pretreatment standards for wastewater. These regulations included four different options and a number of elements that would be common to all options. This bulletin also indicated the "Auto and Other Laundries" (AOL) industry, which includes industrial laundries, was cited in a court decree of June, 1976, as one of twenty-one industries to be regulated with their own Federal Standards unless an evaluation of the industry proved this was not necessary.

The IIL monitored some of the hearings held throughout the country on the proposed regulations, but did not offer testimony at those times. A substantial written set of comments was presented to the EPA on this subject prior to the deadline of May 18, 1977.

In brief, the IIL presented reasons why the AOL should be eliminated as an industry with its own set of Federal Standards for wastewater discharge in Public Owned Treatment Works (POTW), and recommended the selection of Option III with a minor addition.

The reasons for deleting AOL from those industries having their own Federal Standards are:

1. Most of the flow (80-90%) of the wastewater discharge going into POTW's attributed to laundries (5-10% of the total) comes from laundries other than those in the AOL category, such as home washers, private institutions, etc. The flow from AOL is less than 1% of the total;
2. The large majority of the 30,000 establishments attributed to AOL are very small and have insignificant input. Even though this is over half of the 55,000 establishments in the twenty-one industries listed, this large number has little significance on the total environmental wastewater impact;

PRETREATMENT: LAUNDRIES



3. There is adequate provision in the general standards that apply to all options to adequately regulate the few establishments creating problems with an individual POTW;
4. The AOL industry meets two sets of criteria that provide for deletion of an industry;
5. The AOL category is mentioned in the Proposed Regulations Document as a likely candidate for deletion.

In addition, it was pointed out the AOL category is a source of energy conservation, water conservation and employment. All of these are vital to the solution of current problems facing our nation.

Reasons for choosing Option III are:

1. Standards will be set by local POTW's according to their needs, with the exception of Federal Standards for major pollutants;
2. Variances could be negotiated locally if required;
3. Enforcement would be local.

It was felt better understanding of an individual problem with all the social, economic and environmental factors involved would result from negotiations on the local level. Other options included varying degrees of central regulation.

The need for mass limitation control, based on type and amount of soil handled, was also recommended as opposed to concentration limitations which merely reflect pollutant concentration in the wastewater. Acceptance of this would encourage water re-use, concentration of pollutants and also differentiate between lightly and heavily soiled work.

We wish to thank all members who responded to our request for aid in formulating our reply to the EPA.

Glenn K. Reeves, Chairman  
Federal Environmental Regulations  
Subcommittee

Sol Schwartz, Chairman  
Production Committee



Mr Robert W. Pappenfort  
Environmental Engineer ~~State~~  
Solid Waste Management Program  
Missouri Department of Natural Resources  
P.O. Box 1368 - 2010 Missouri Blvd.  
Jefferson City, Missouri 65101

Dear Mr. Pappenfort:

I have received and read with some interest your letter of January 27, 1977. In reviewing my notes relating to this incident, I find one of your comments in that letter in direct contradiction to your earlier statements made in a telephone call January 5, 1977, at approximately 8:45 A.M., and those of the program director later that same day. It is difficult at best to adequately handle a situation such as has transpired here recently without the added burden of conflicting advice.

Be advised that the project lacks only the actual shipment of the twenty-two barrels of contaminated material, for it to be completed. The City of Springfield has acted in good faith in an attempt to avert a major detriment both to the metropolitan water supply and to the environment in general. We have taken precautions in handling and disposal based on our best judgement in accordance with laboratory analyses, as you originally indicated we should. We are now somewhat dismayed that the Missouri Department of Natural Resources is apparently less than satisfied with our efforts. Attached to this letter, please find a detailed chronological report outlining the significant aspects of the project.

conclusive and

We believe the report to be self-explanatory and composed of all facts pertinent to the matter. If we can answer any questions, please do not hesitate to call.

Yours truly,

ASE --- CHC  
Chief, WQS

Attachment:

cc: Snider  
Bengsch  
Collins  
Durchow  
Nixon  
Eigner  
Robinson  
Anderson  
Ewing  
Grant  
Williams  
McMahon  
Plank  
McIntosh

MISC.



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Mr. Robert R. Schaefer, P.E.

DATE August 11, 1976

DEPARTMENT Sanitary Services

Re: Briefing Paper, North American Site Project  
Knight Wegenstein Limited  
July, 1976

Bob,

I appreciate the opportunity to review the above referenced proposal and comment regarding your conveyance of specific questions. First, as to cost for collection and treatment:

Initially- 100 gallons/day (about 4 ccf/month) domestic  
65 000 gallons/mo (about 87 ccf/month) industrial  
91 ccf/month - \$25.62\*

Expand to- 1 350 gallons/day (about 54 ccf/month) domestic  
1 100 000 gallons/mo (about 1471 ccf/month) industrial  
1525 ccf/month- \$412.80\*

Suspended Solids @ 50 ppm = 0.3 lbs/ccf which is well below the excess strength limit of 1.9 lbs/ccf. No surcharge would be anticipated.

\*Note that costs reflect billing charges as authorized in G.O. No. 2555, which do not take into account increased operational costs anticipated with the completion of the expanded Southwest Plant Facility.

As to treatability, incompatible constituents:

The exhibit is unclear as to whether the concentrations of Zinc and Iron are ranges of expected values, or initial and expanded concentrations. Assuming they are ranges:

Total Zn would be 6 - 12 ppm  
or .0375-.076 lbs/ccf  
Total Zn loading, 3.26 - 6.53 lbs/day initially  
55.16 -110.33 lbs/day ultimately

The maximum concentration generally considered acceptable for discharge to municipal systems, with respect to zinc, is 2.0 mg/l (ppm).

If, as the exhibit show, the two fractions of zinc (solids and solubles) are separate, the solubles could probably be safely discharged. The solids would then have to be dried and landfilled, or disposed of in an approved hazardous waste disposal facility.

If they are not separated, some means of pretreatment may be required. The word may is emphasized for good cause. As you are aware, the U.S. Environmental Protection Agency has published, Effluent Limitations Guidelines...and Standards of Performance and Pretreatment Standards... for some 50 or more Point Source Categories. The degree of effluent reduction attainable by the application of best practicable control technology currently available (and the degree to which Federal Law would require a municipality to limit acceptance of a waste) is dependent in large part to the specific Standard Industrial Classification of the particular industry in question.

SIGNED \_\_\_\_\_



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_

DATE \_\_\_\_\_

DEPARTMENT \_\_\_\_\_

In other words, we may want to require pretreatment of zinc, or we may be forced to require it.

By the same calculations used above for zinc, the total Iron loading can be computed:

Total Fe would be 4 - 12 ppm

or .025 - .075 lbs/ccf

Total Fe loading, 2.18 - 6.53 lbs/day initially

36.78 - 110.33 lbs/day ultimately

The maximum concentration generally considered acceptable for discharge to municipal systems, with respect to iron, is 15.0 mg/l (ppm).

The concentration as shown in the exhibit appears to be within the concentration limits we would probably allow. However, due again to Federally imposed pretreatment standards, the discussion pertaining to zinc may also apply, although it is less likely.

Phosphorous: P<sub>2</sub>O<sub>5</sub> appears to be the meta form of phosphate. The concentration does not appear to be a source for concern.

The pH range of 7 to 9 composes favorably with the accepted range of 5.5 to 9.0 in Chapter 30, Sec. 30-9 (f).

It is of passing interest to note that the above pH range is the ideal range for precipitation of zinc as the metal hydroxide as zinc is amphoteric (i.e., will redissolve at either higher or lower pH) This may be an indication that a history of pretreatment has already taken place, and may explain why the metals are listed as solubles and solids.

Additionally, the ultimate flow (about 1525 ccf/mpnth) represents about 0.35 percent of the total flow loading on the system. The Industrial Cost Recovery System will require certain amounts, depending upon location (North or South Basin) and find program costs to be determined for the South Basin projects.

:mh

cc: Surveillance and Enforcement File

SIGNED \_\_\_\_\_  
Charles H. Criswell, Associate Sanitary  
Engineer, Water Pollution Control

CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF MEMO TO FILE (HARRY)


DATE December 13, 1976

DEPARTMENT \_\_\_\_\_

Saturday morning, December 11, 1976, about 10:20, Steve Short and I visited the Northwest Treatment Plant to find out if there had been any strong flows during the morning. Although we noticed a Ford pickup with a camper, we did not see or hear the operator. We waited approximately 20 minutes. When we arrived a Blackburn Brothers septic tank truck was unloading. We did not see a log book out for the truck to be recorded. This truck was still unloading when we left. After removing samplers from the trunk lines we went back to the North Plant. The Blackburn Brothers Truck was still there and had been joined by a Harry German Truck. This was about 11:00. We still ~~was~~ no sign of the operator. After waiting about 5 minutes we left. At this time we were met by a Jack Blackburn Septic truck.

MISC.

SIGNED

  
John Witherspoon, WPCI II, S & E



CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
GENERAL SANITATION SECTION

Date 9-22-76

Time      A.M.,      P.M.

Lab. No.      Misc. (C)     

Sealed ( ) Unsealed (X)  
Official (X) Unofficial ( )

(Fill in this space if illness occurred)

No. persons ill      Symptoms     

Time of ingestion       
Time of onset of symptoms     

Sample submitted by:

Name Gary Pendergrass

Address Water Pollution Control, Missouri

Sample of      Perishable ( ) Non-perishable ( )     

Condition of sample on arrival : Satisfactory ( ) Unsatisfactory ( ) Iced ( )

Name of Manufacturer       
(If not same as above)

Address     , Missouri

Reason for analysis Water Tracing

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons ( ), Federal Standards ( ), Insects  
(Eggs & Larvae) ( ), Insect fragments ( ), Sulphites ( ), Preservatives ( )  
Starches or cereals ( ), Filth ( ), Other ( ), Dye Extraction  
Bridge Above Rader

Bacteriological - - - -  
Total Count ( ), Coliform ( ), Other     

Sue & Day  
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst Sue & Day Date 9-23-76

Positive

(Use back for additional information)

*misc.*

CITY OF SPRINGFIELD, MISSOURI  
SOUTHWEST WASTEWATER TREATMENT PLANT  
LABORATORY ANALYSIS REQUEST

DATE IN: 1/9/76

SAMPLE DESCRIPTION AND PHYSICAL APPEARANCE:

Lakewood Village Discharge

CHECK ANALYSIS DESIRED:

SUSPENDED SOLIDS 1013 mg/l Date: \_\_\_\_\_  
BOD<sub>5</sub> 100 mg/l Date: \_\_\_\_\_  
COD 1020 mg/l Date: \_\_\_\_\_  
pH 7.52 Date: \_\_\_\_\_  
NH<sub>3</sub>-N \_\_\_\_\_ mg/l Date: \_\_\_\_\_  
PO<sub>4</sub> ORTHO \_\_\_\_\_ mg/l Date: \_\_\_\_\_  
CARBON C<sub>T</sub> 571 C<sub>I</sub> \_\_\_\_\_ C<sub>O</sub> 530 Date: \_\_\_\_\_  
TOXICITY \_\_\_\_\_ Date: \_\_\_\_\_  
HEAVY METALS (SPECIFY): \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_  
OTHER (SPECIFY): \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_

REPORT OUR: Date: 1/16/76  
By: J. Adams

*will*

SOLD TO. \_\_\_\_\_



MAIL \_\_\_\_\_

UPS \_\_\_\_\_

GREYHOUND \_\_\_\_\_

TRUCK \_\_\_\_\_

CONTINENTAL \_\_\_\_\_

OTHER \_\_\_\_\_

QTY.	PKG.	SIZE	BRAND & DESCRIPTION	
		10	stabilizer	50 gal. pH 13
		7	replenisher	35 " pH 3
		5	equalizer	25 " pH 12+
		10	activator	50 "
		4	fixer	19 "
		1	ink-dri	4 "
		2	fountain sol.	11 "
		1	hardener	<u>5 "</u>
				199 gal.
			pH of total solution 6.70	

January 27, 1976

Mr. Galen Pellham, Architect  
1966 South Glenstone  
Suite 102  
Springfield, Missouri 65804

Dear Mr. Pellham:

This letter will confirm our telephone conversation regarding your plans for a building to house a radiator shop and our discussion of acceptable waste discharge. Your plans for a four (4) inch cleanout will allow this office ample access, should we wish to sample such a discharge in the future.

Enclosed for your convenience please find one copy of Chapter 30 of the Springfield City Code pertaining to Sewer and Use and one copy of Municipal Control of Industrial Wastes, published as Appendix 4 to the Missouri Water Quality Standards.

If we may be of further assistance or can answer any questions please do not hesitate to call.

Yours truly,

Charles H. Criswell  
Associate Sanitary Engineer  
Water Pollution Control

CHC:mh

Enclosures: (2)

ccs: Mr. John Nixon, Regional Administrator, Department of Natural Resources  
Public Works File

um SC.

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Charles H. Criswell  
Associate Sanitary Engineer  
Water Pollution Control

CHC:mh

Enclosures: (2)

ccs: /Mr. John Nixon, Regional Administrator, Department of Natural Resources  
✓ Public Works File

MISC.



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF Mr. Robert R. Schaefer, P.E. DATE July 2, 1975  
Superintendent of Sanitary Services  
DEPARTMENT Through: Charles H. Criswell, Associate Sanitary Engineer

A pollution problem has arisen in my section of the City which I feel deserves some attention. The problem involves dry cleaning establishments, some of which are disposing of a depleted or contaminated filter media in alleys, driveways, ditches, etc. As I understand it, when the filter media is dirty, the dry cleaning fluid is transferred to another vessel for reuse and the "filter mud" is removed. Because of some residual dry cleaning fluid this material is flammable and when carried away by rainfall becomes a water pollution problem. I asked Greg Cole about disposal of the solid waste and proposed to write a form letter to all dry cleaning establishments concerning this problem. He indicated he was concerned with a fire hazard and would think about alternatives and let me know later. However, to my knowledge, no decision was made before Greg left. I feel that the fire hazard involved is probably not any more serious than in other solid wastes we now receive at the landfill. I would like to know your feelings on this matter as to any course of action which should be taken.

JRL:cc

MISC.

SIGNED J. Randall Lyman  
J. R. Lyman, Water Pollution Control Insp  
Surveillance & Enforcement



Misc. Surveillance  
September 24, 1974

Technical Director  
Western Chemical Company  
1345 Taney  
North Kansas City, Missouri

Dear Sir:

The City of Springfield, Missouri has established regulations for the discharge of wastes into sanitary and storm sewers. Please find enclosed one copy of Chapter 30, Springfield City Code. We have discussed a number of revisions to this document but it would be premature to discuss specifics at this time.

In addition, the City controls further the discharge of substances considered detrimental to biological processes into its sanitary sewers. We adhere closely to Municipal Control of Industrial Waste published as Appendix #4, Missouri Effluent Guidelines, which suggests parameter limits for most heavy metal ions, cyanide, phenols, etc.

If we may be of further assistance, please do not hesitate to call on us.

Yours truly,

Charles H. Criswell  
Associate Sanitary Engineer  
Water Pollution Control

CHC:cc

Enclosure

cc: Mr. Jim Burris, Regional Engineer, Missouri Clean Water Commission

WISC



# WESTERN CHEMICAL COMPANY

1345 TANEY, NORTH KANSAS CITY, MO. 64116

Phone 816-842-0560

Gentlemen:

Western Chemical Company is interested in assisting their customers in meeting local discharge regulations. If your municipality has established regulations for the discharge of wastes into sanitary or storm sewers, we would appreciate a copy mailed to:

Technical Director  
Western Chemical Company  
1345 Taney  
North Kansas City, Missouri, 64116

If no regulations exist, please check the box below and return this letter.

Thank you for your assistance.

Sincerely,

*James H. Afflick III*  
Territory Manager

/sw



PUBLIC WORKS DEPARTMENT CITY OF SPRINGFIELD			
	CDW	SEE	
	DES	ME	
	DES	INFO.	
	RES	ONLY	
	SEN	RLE	
	WRE		
	JHD	PLEASE	
	REH	HANDLE	

☐ No Applicable Waste Discharge Regulations

*misc.*

September 11, 1973

Mr. Wayne E. Sanders  
Missouri Clean Water Commission  
P.O. Box 154  
Jefferson City, Missouri 65101

Dear Wayne:

This letter will confirm our recent conversation while you were in Springfield last Thursday, September 6, and attempt to answer the questions you had then. You explained that according to the State of Missouri Continuing Planning Process, Springfield is virtually surrounded by "Water Quality Limited Segments" of stream. This means, to the City, that for all proposed discharges to the streams, requiring permits under the National Pollution Discharge Elimination System, extensive analyses must be made to determine precise allocation of loading to these streams. The data thus collected will be used in a mathematical stream model, and the results obtained from this model can then be used to determine precise limits to be imposed in granting N.P.D.E.S. permits. You gave me a list of those industries who had applied for permits and asked if I would supply you with additional firms which had discharges and should be included in a sampling program. Enclosed herein you will find this list.

I was interested to note in your letter that Kansas City is asking for information regarding N.P.D.E.S. permits on their building permit applications. The points we need a legal interpretation on are as follows: First, we are revising our building permit applications and anticipate including a question to the effect, "If a discharge other than to the sanitary sewer is anticipated, has a permit under the N.P.D.E.S. program been applied for?" We can now envision applications for building permits with this question answered negatively or unanswered. Legally, can we refuse to issue a permit until the stipulations of N.P.D.E.S. are met. Legally, is the City of Springfield in violation of any law if it issues a building permit to any person required to apply for a permit under the provisions of Section 204.051 of S.B. 321. Does the point in question hinge on whether or not a building permit is considered a contract so that 204.091 applies, or is another section applicable.

Mr. Wayne E. Sanders  
September 11, 1973  
Page -2-

Second, our surveillance and enforcement section has been operating in the field for more than one year now under the philosophy of advising industry not only of apparent violations of City Ordinances but also of State and Federal Law. This approach has been used for a number of reasons. It has helped us to obtain the voluntary compliance of industry since the threat of enforcement from the State and Federal levels is much more severe than from a local level. Also, through verbal agreement with Commission staff, we understand that the Commission holds the City responsible to uphold the State Laws within the City Limits. While this approach is easier than most and has gained results (out of 80-90 cases in which we have contacted industry, all have shown a willingness to work toward compliance, and we have not been invited to court yet) and is probably a desirable means, our administration still needs to know, do we as a City have a legal obligation to "enforce" or police or uphold State Laws within the municipal limits. Does the State maintain that we have a moral obligation or a legal obligation. If either, am I, or one of my representatives, when explaining provisions of S.B. 321 to some "person", acting as an agent of the State. Also, could this legal opinion speak to the same question(s) as they apply to PL 92-500, or if not, could you direct them through the proper channel.

Let me know what transpires in your meeting with E.P.A. We are anxious to give you whatever aid we can in working toward a satisfactory completion of the project so that Springfield may be brought into compliance with the grant regulations. We're looking forward to your next visit.

If we may be of any further assistance prior to that time, please don't hesitate to call.

Yours truly,

Charles H. Criswell  
Associate Sanitary Engineer

CHC:cc  
Enclosure

cc: Mr. Jim Burris, Regional Engineer, Missouri Clean Water Commission  
Mr. Howard Wright, City Attorney, City of Springfield, Missouri

misc.

Springfield Newspapers, Inc.  
Hiland Dairy, Inc.  
3-M Company  
Zenith Radio Corp. of Mo.  
Edel Ford Tractor Co.  
Tindle Mills, Inc.  
M.F.A. Milling Co.  
City Utilities Power Plant  
National By-Products, Inc.  
M.F.A. Packing Co.  
Package Treatment Plant  
Griesemer Quarries  
Reliable Chevrolet, Inc.  
Southwest Missouri State University  
Discharge near Frisco Yards  
Sequiota Spring on Galloway Branch

651 Boonville  
1133 E. Kearney  
3211 E. Trafficway  
2500 E. Kearney  
1630 E. Chestnut Expressway  
701 E. Chestnut  
506 N. Boonville  
Lake Springfield  
3401 N. Grant  
2050 E. Trafficway  
Lakewood Hills--Fred Morriset  
Rt. 2, Springfield, Mo.  
601 E. Trafficway  
901 S. National  
Jordan Creek West of Main  
(Non-Point Source)



September 24, 1973

TO: WAYNE SANDERS , Missouri Clean Water Commission  
FROM: BOB LINDHOLM

Wayne:

I have the copy of the September 11 letter from Charles Chriswell of the City of Springfield. As you probably know, the Missouri statutes provide that the office of the Attorney General provide opinions to state employees and it generally is the job of city employees to get answers to questions such as those posed by Mr. Chriswell from the city attorney. Some of the questions he asks will require interpretation of the ordinances of the City of Springfield in any event.

Should Jack Smith want answers to questions similar to those posed by Mr. Chriswell, then we should have a formal opinion request so that we can accurately define the questions and therefore give responsive answers.

As you can readily see, the answers to many of the questions in Mr. Chriswell's letter, such as whether he would be an agent of the federal government in his dealings with Public Law 92-500 are not proper questions for the Attorney General of the State of Missouri. Please give me a call if you wish to discuss this matter. Thanks very much.

*Bob L.*

*missc*



# CITY OF SPRINGFIELD

City Hall  
830 Boonville Avenue  
Springfield, Missouri 65802  
417-865-1611

April 12, 1973

## NOTICE

### INFORMATION BULLETIN

TO: Owner and operators of car and truck wash facilities and similar uses

SUBJECT: PLUMBING CODE-SECTION P-802.0, STORM WATER DRAINAGE TO  
SEWAGE PROHIBITED

It has come to the attention of the building regulations section, Public Works Department, that a number of car wash drains have been installed in violation of the above cited section of the plumbing code.

Sanitary sewer drains which are open to storm water must be covered by a roof and surrounding surface drainage must be diverted from the drains.

Full enforcement of the cited section of the plumbing code will be effective beginning May 15, 1973 and those car and truck washes or similar uses, which are in violation of the plumbing code, will be subject to having the water meter removed or other enforcement action.

Any questions regarding this bulletin should be directed to Jerry King, Public Works Department, City Hall.



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$$2(3' \times 9' \times 6\frac{1}{2}') = 175.5 \times 2 = 351'{}^3$$

$$10\frac{1}{2}' \times 6\frac{1}{2}' \times 27' = 68.25 \times 27 = 1842.75'{}^3$$

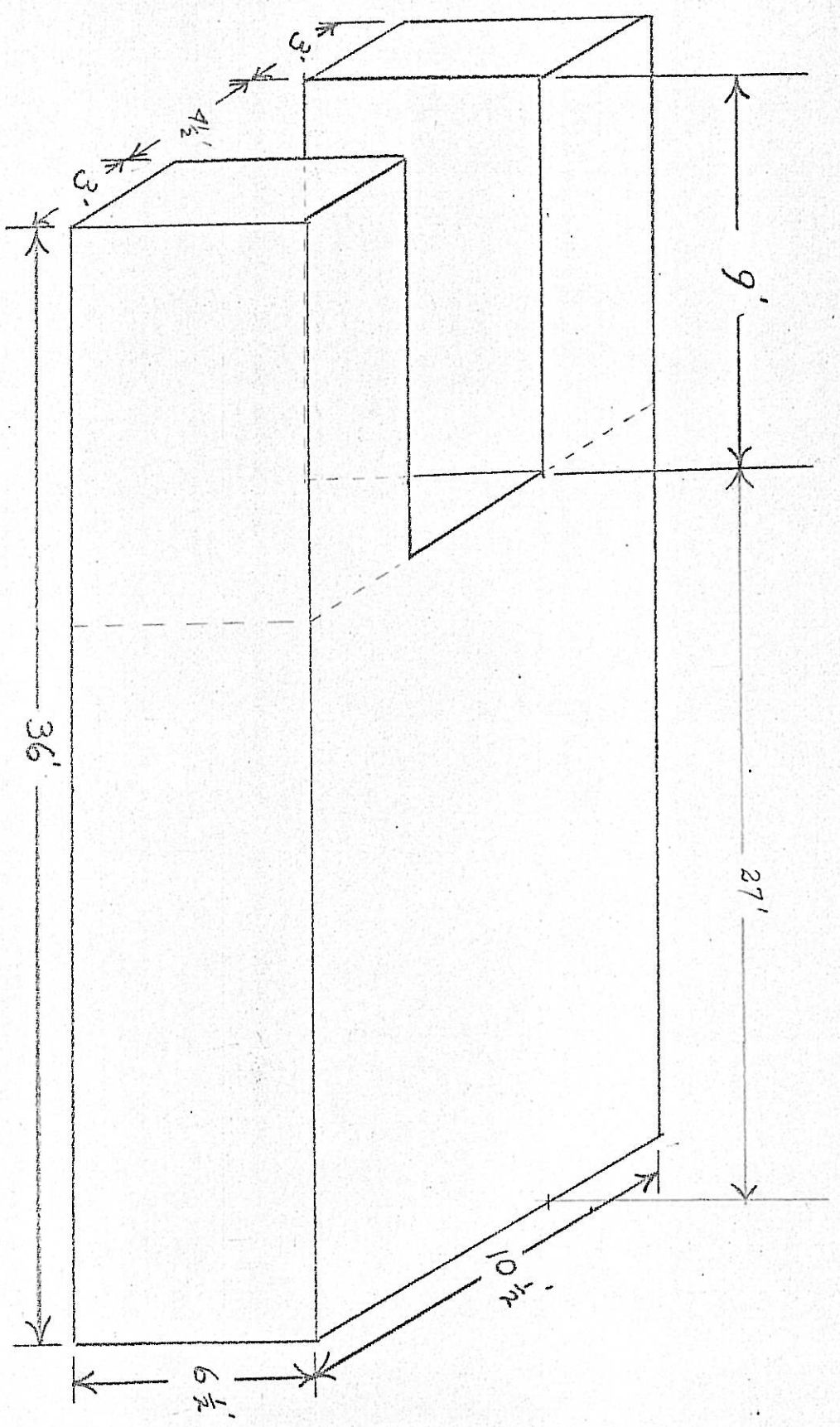
OIL STORAGE (OR ASPHALT)  
FOR CITY

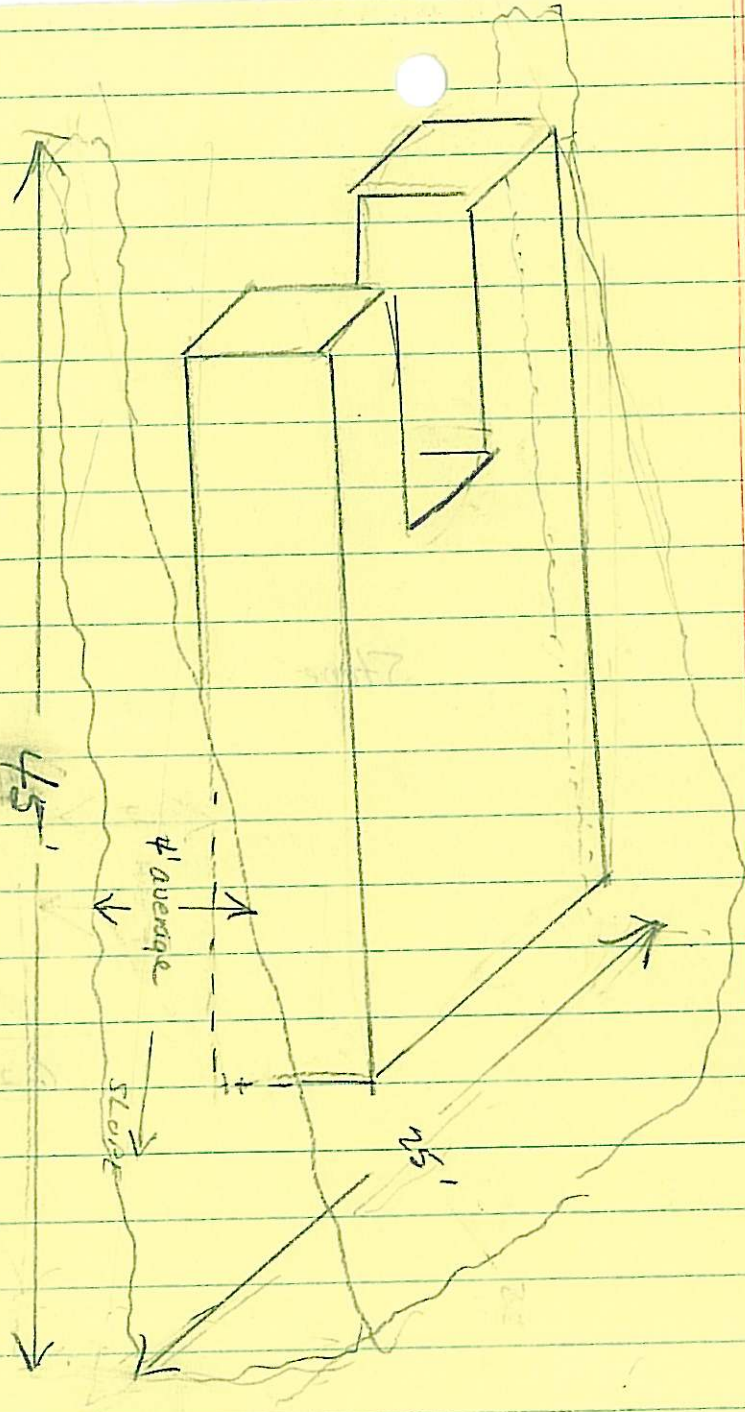
$$2193.75'{}^3$$

$$\times 7.5 \text{ gal/}{}^3 = 16453+ \text{ gallon capacity}$$

12000 Nominal Cap  
inside wall slope

MISC





2200 cuft x 3

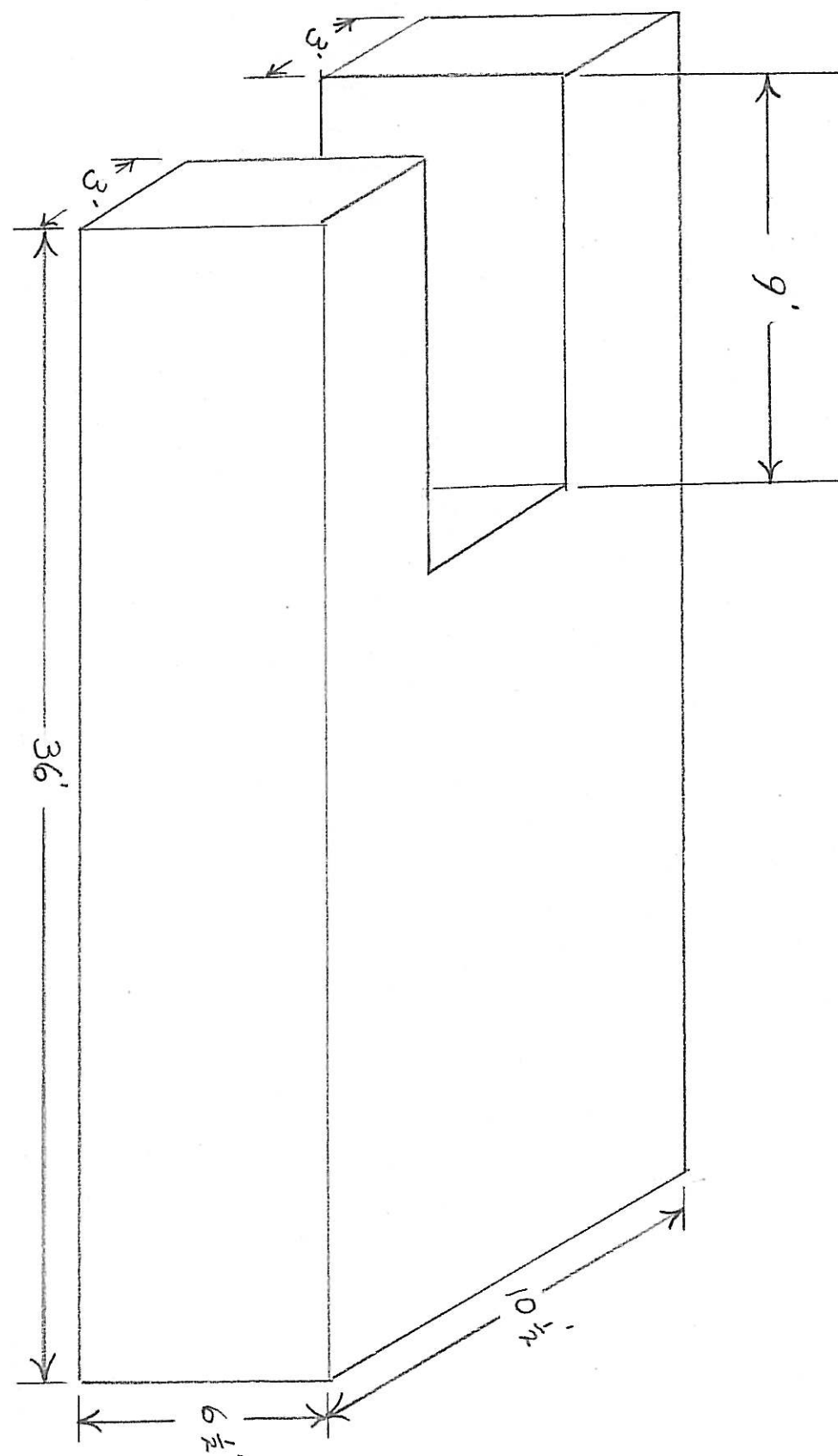
1404  
789.75  
2193.75

m. 5c

~~1250 - 6 = 1244~~  
~~44 = 500~~

45' x 25' x 4' = 4500

4500



MSC.



# Instr 1 Park West

West M.H.	# I	1st	2nd
		1. Ring <del>offset</del> M.H. Precast - offset & cracked.	
		2. No flow line for Tap.	
	# II	1. Small drop in line	
		2. Top Precast is offset & ground is falling out.	
	# III	Big drop in line	
		1. M.H. lid below ground level approx 1 ft.	
		2. Second precast from bottom is offset.	
		3. Third " " " "	
		4. Pipe from drop over flow is not flush with inside of M.H.	
		5. Top section of precast is offset & there is some infiltration at this point	
		Line <del>clogged</del> clogged up between 3 & 4 M.H.	
	# IV	1. Second Precast from bottom is offset <del>g</del>	
		2. Third " " " "	
	# V	1. Second Precast from bottom is offset & Leaking.	
	# VI	1. Second Precast from bottom is offset.	
	# VII	1. Infiltration between Invert & floor.	
		2. Infiltration between floor & 1st precast.	
		3. Second precast offset	
		4. flow in line is more than at M.H. # VI	

RAO 159  
To Mr. Bng



CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
GENERAL SANITATION SECTION

FILE UNDER  
McKesson Chemical  
Misc.

Date 4-24-73

Time \_\_\_\_\_ A.M., \_\_\_\_\_ P.M.

Lab. No. ~~188~~ ~~189~~ Misc

Sealed ( ) Unsealed (X)  
Official ( ) Unofficial (X)

Sample submitted by: Criswell

(Fill in this space if illness occurred)

No. persons ill \_\_\_\_\_ Symptoms \_\_\_\_\_

Time of ingestion \_\_\_\_\_

Time of onset of symptoms \_\_\_\_\_

#188 ~~white solid material~~  
#189 - Pungent liquid

Name \_\_\_\_\_

Address \_\_\_\_\_, Missouri

Sample of \_\_\_\_\_ Perishable ( ) Non-perishable ( ) \_\_\_\_\_

Condition of sample on arrival : Satisfactory ( ) Unsatisfactory ( ) Iced ( )

Name of Manufacturer \_\_\_\_\_  
(If not same as above)

Address \_\_\_\_\_, Missouri

Reason for analysis Investigative

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons ( ), Federal Standards ( ), Insects  
(Eggs & Larvae) ( ), Insect fragments ( ), Sulphites ( ), Preservatives ( )  
Starches or cereals ( ), Filth ( ), Other (X), Hydrocarbon, pH

Bacteriological - - - -  
Total Count ( ), Coliform ( ), Other \_\_\_\_\_

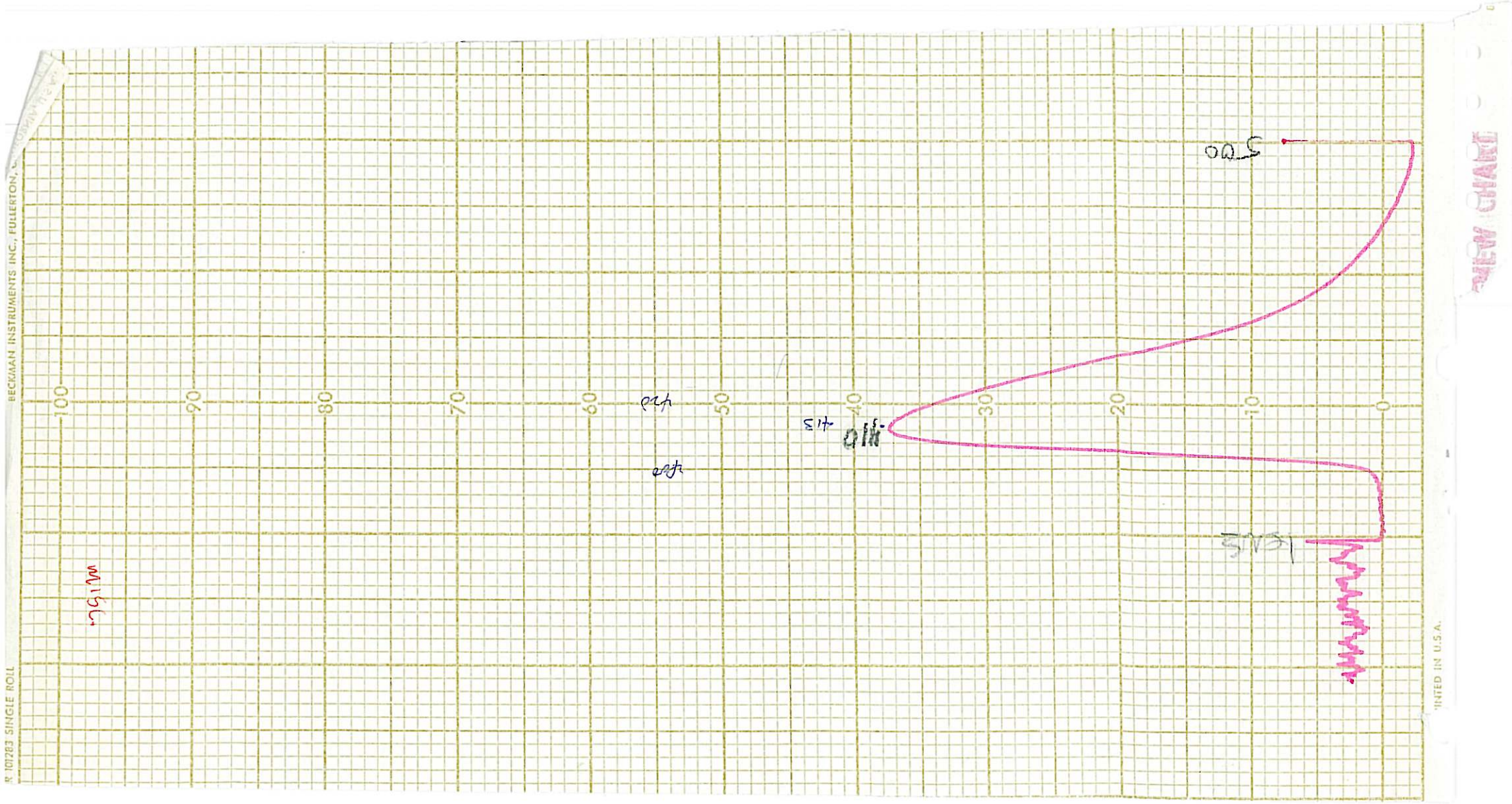
Lee A. Day  
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst Lee A. Day Date 5-10-73

#188 <sup>pH</sup> 12.74  
#189 1.34

(Use back for additional information)

Contaminated powdered caustic soda  
MISC.





# 1973 OIL SPILL INVESTIFATIONS

- 1-2-73 -Oily painbow on Fassnight Creek - traced to St. John's Hospital spilled by Nationsl Oil & Supply co.
- 1-4-73 -Oily rainbow found in storm sewer near service center - tributary to Jordan at Fort - traced to near Union Stockyards. Source not found.
- 1-14-73 -Oil spill at Gospel Publishing House - National Oil trailer valve burst & allowed oil to spill on graounds. Fire Dept. pumped out 700 gal. then washed down 1000 to the storm sewer.
- 1-16-73 -Wreck at Sherman & Chestnut - fuel tank on tractor ruptured - washed down storm sewer by fire dept.
- 1-18-73 -Oil spill at National oil Terminal - trailer overturned, area diked, 18:00+ oil never left property. Mid-Land Paving cleaned up area.
- 1-24-73 -Spill 20-30 gal. max. at Queen City Oil 1801 E Trafficway. Washed into Jordan Creek ~14:15.
- 1-24-73 -Spill unknown quantity "milk like" substance with butterfat total 0.6% after mixing, protein negative, ptt 6-7 into Fassnight Creek 11:00 a.m. Sampler picked upat Bennett & Weller and at Fassnight Park.
- 1-30-73 -Monley Truck Plaza - small discharge to Oscar Blom ditch
- 2-6-73 -"gasoline" or cleaning solvnet odor in storm sewer south of Mid-Am. Sample taken at lipscomb , source not located.
- 2-6-73 -~~#####~~ Oil sheen observed at Main & Jordan Cr. was not present at confluents of N. Jordan & S. Jordan.
- 2-26-73 -1773 N. Link - Oil being dumped from pans and barrels into dirch. Pictures taken. Coulter Truck Leasing Co. 16:20
- 2-27-73 -Kraft Foods - 140 gals. <sup>ese/</sup> ~~disoil~~ fuel spilled into sanitary sewer. approx. time 5:15 A.M.
- 2-27-73 -1918 W. Division - oil running from lot to drainage ditch along morth side of Division St. United Trans & Motor Serv. 10:30 A.M.
- 2-27-73 -Oil discharge from Service Station to creek next to Frisco Control Tower large amount of oil in creek. Trash in back of garage. 11:00 A.M.



THE DIVISION OF HEALTH OF MISSOURI  
OF THE DEPARTMENT OF PUBLIC HEALTH AND WELFARE

1150 East Latoka  
Springfield, Missouri 65804

March 17, 1972

HERBERT R. DOMKE, M.D., Dr. P.H.  
DIRECTOR OF  
THE DIVISION OF HEALTH

ADDRESS ALL COMMUNICATIONS  
TO THE DIVISION OF HEALTH  
DISTRICT NO. 5

Mr. Everett L. Balk  
Sanitary Engineer  
Springfield Public Works Department  
Springfield City Hall  
Springfield, Missouri 65802

Dear Mr. Balk:

The Diversified Plastics Corporation, Nixa, Missouri, has become concerned about their disposal of waste generated from the manufacturing of expanded polystyrene products. The present problem is that the product is disposed of in an open dump near the waste treatment facilities serving Nixa, Missouri. The light weight of the product causes the small portions to blow over on the City lagoon creating problems in its operation. Also, when burned it emits black smoke creating an air pollution problem.

A review of its chemical properties indicates it to be inert at the final stage of manufacturing. It appears to begin breaking down at 85° C. resulting in Hydrogen and Benzene gases and converts back to Storax or Styrax with a Ld/50 of 2000 P.P.M. at 85° C.

It is this Division's feeling that this product would not present a health hazard if disposed of in a sanitary landfill operation.

If this office can be of further assistance to you regarding this matter, please do not hesitate to contact this office.

Very truly yours,

Clarence B. Lord  
Sanitarian

CBL:mi

cc: M. D. Plummer

DIVERSIFIED PLASTICS (Nixa)



UNOFFICIAL  
CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
LABORATORY SECTION

Report of Bacteriological Examination of Water Sample

Samples collected by - J. D. Slaughter  
Date of Collection - 6-13-79  
Place - Portland & Delaware  
Owner of water supply - City  
Date reported - 6-14-79

Lab. No.	Source of Sample	Chlorine Residual ppm	Fecal coliform/100cc <del>Staphylococcus</del> <del>per 100 ml</del>	Membrane Filter Tech. Coliforms per 100 c.c.	Nitrate Nitrogen ppm
1432	storm Drainage		TNTC/10ml *	TNTC/10ml *	

\* To numerous to count.

The above examinations were made by the City of Springfield, Department of Public Health Laboratory in accordance with the latest edition of Standard Methods of Water Analysis of the American Public Health Association. At the time this examination was made, the sample \_\_\_\_\_ the limits acceptable for drinking purposes.

The safety of a water supply depends upon proper construction and protection against contamination. A favorable bacteriological analysis alone should not be accepted as conclusive evidence of the safety of a water supply unless a survey of the supply indicates no sanitary defects. It is recommended that a water supply used for drinking purposes be analyzed routinely.

Bacteriologist *[Signature]*

MISC. SAMPLING

CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
LABORATORY SECTION

Report of Bacteriological Examination of Water Sample

Samples collected by - G. Pendergrass  
Date of Collection - 7-1-76  
Place - Storm Sewer  
Owner of water supply -  
Date reported - 7-1-76

Lab. No.	Source of Sample	Chlorine Residual ppm	Staphylococcus per 100 ml.	Fecal coliform/100cc	
				<del>Membrane Filter Technique Coliforms per 100 cc</del>	<del>Fecal Strep Nitrate</del>
2230	stream storm sewer 200' S. of Sunshine & Oak Grove			<10/100	<10/100
2231	stream storm sewer 50' S. of Seminole at Power Station			900/100	310/100
2232	Sinkhole Area Storm Sewer 1000' S. of Seminole Near Power Station			690/100	150/100

24 hrs.  
only.

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The safety of a water supply depends upon proper construction and protection against contamination. A favorable bacteriological analysis alone should not be accepted as conclusive evidence of the safety of a water supply unless a survey of the supply indicates no sanitary defects. It is recommended that a water supply used for drinking purposes be analyzed routinely.

Bacteriologist

Misc. Sampling

CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
GENERAL SANITATION SECTION

Date 3-21-75

Time 9:45 A.M., \_\_\_\_\_ P.M.

Lab. No. 114

Sealed ( ) Unsealed ( )  
Official ( ) Unofficial ( )

Sample submitted by:

Name Gene Pabst

Address Sanitary Services, City Hall, Missouri

Sample of Storm Sewer Perishable ( ) Non-perishable ( )

Condition of sample on arrival : Satisfactory ( ) Unsatisfactory ( ) Iced ( )

Name of Manufacturer \_\_\_\_\_  
(If not same as above)

Address \_\_\_\_\_, Missouri

Reason for analysis Butterfat

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons ( ), Federal Standards ( ), Insects  
(Eggs & Larvae) ( ), Insect fragments ( ), Sulphites ( ), Preservatives ( )  
Starches or cereals ( ), Filth ( ), Other ( ), Butterfat

Bacteriological - - - -  
Total Count ( ), Coliform ( ), Other \_\_\_\_\_

\_\_\_\_\_  
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst R. M. Van Hook Date 3-21-75

Fat content ~~12~~ .01 %

(Use back for additional information)

*MISC. Sampling*

(Fill in this space if illness occurred)	
No. persons ill _____	Symptoms _____
Time of ingestion _____	
Time of onset of symptoms _____	



CITY OF SPRINGFIELD, MISSOURI  
DEPARTMENT OF PUBLIC HEALTH AND WELFARE  
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Starches or cereals ( ), Filth ( ), Other ( ), Butterfat

Bacteriological - - - -  
Total Count ( ), Coliform ( ), Other \_\_\_\_\_

\_\_\_\_\_  
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst R. M. Van Hook Date 3-21-75

Fat content ~~11~~ .01%

(Use back for additional information)

*misc. sampling*

(Fill in this space if illness occurred)	
No. persons ill _____	Symptoms _____
Time of ingestion _____	
Time of onset of symptoms _____	



Everett Balk

Sanitary Services

June 7, 1972

The following is a continuation of the storm sewer sampling and analyses.

<u>Date</u>	<u>Time</u>	<u>Sample Number, Location</u>	<u>C-t</u>	<u>C-i</u>	<u>C-o</u>	<u>BOD</u>	<u>SS</u>	<u>NH<sub>3</sub>-N</u>	<u>PO<sub>4</sub></u>	<u>pH</u>	
3-27	15:10	S-25-126 Stream (Pea Ridge) above NWP, below Fulbright	1700	212	1488	450*	14500	28.17	32.0	7.52	Alum Sludge probably with polymer - Fishy Amine Odor - *BOD inhibited
5-11	14:45	S-26-601cc Ozark Hardwoods, from Steam Treating Bath (pools 20 to 50 yds)	3610	108	3502	4450	620	139.50	9.50	6.31	Highly colored
5-3	14:00	S-27-000c Reyco - Cyclone Washdown	169	49	120	25*	672	4.45	3.20	8.00	*BOD appears to be slightly inhibited - should run about 150
5-12	16:00	S-28-000c "Reyco 1"				400	1090		9.40	8.02	Will run Carbon as soon as tube can be lined out
6-7		S-42-000c Evidson Transport	14800	76	14724	9006	560	141.25	41	7.16	

  
J. C. SIMON

Misc Sampling

Everett Falk

Sanitary Services

April 25, 1972

The following should at least partially catch you up on our storm sewer sampling. Please let me know if we can safely dispose of these samples or if there is a need to keep them longer.

H. Criswell

Date	Time	Sample Number, Location	C-t	C-i	C-o	BOD	SS	NH <sub>2</sub> -N	PO <sub>4</sub>	pH	
2-24	09:00	S-08-76 Storm Sewer East of Edgel	58	20	38	< 5	262	0.99		6.1	
2-24	09:10	S-09-77t Storm Sewer from Lilly-Tulip, W of Glenstone Clay Pipe at WPA				263	232	1.80		6.8	
2-24	09:25	S-10-78				22	20	<0.01		7.0	
2-24	09:30	S-11-82 South Jordan under Glenstone Viaduct	56	20	36	15	254	3.05		6.6	
2-24	09:40	S-12-79 Storm Sewer Chestnut at Rogers	36	15	21	17	98	0.52		7.1	
2-24	11:20	S-13-80 Frisco Lagoon Dischg	132	42	90	428	90	1.88		8.1	
3-23	15:30	S-14-87 MAD Warehouse, 1458 E. Chestnut -- 12" Corregated pipe	118	8	110		60			1.82	<--
3-24	10:00	S-16-91 Manley's Truck Plaza Drainage Ditch	128	22	106	75	228	2.72	19.97	6.60	
3-27	09:40	S-17-90 Union Stockyards "Flooding Pens"	308	56	252	495	400	19.46	10.37	6.89	
3-27	14:00	S-18-89c Edgel Tractor Degreaser	540	34	506	665	400	2.61	0.54	6.80	
3-30	09:15	S-19-000c Meller's Photolab "Minimum"	60	32	28	1000-	<25	6.50	5.62	7.00	
3-30	09:25	S-20-000c Meller's Photolab "Maximum"	56	32	24	0-1000	<25	6.30	3.97	6.70	
4-4	10:00	S-22-92 Hoffman-Taff drainage Ditch West of Plant	600	24	576	1425	740	15.20	2.04	11.12	Methylamine
4-4	10:00	S-23-93	152	44	108	21090	2110	4.65	2.47	10.01	Polymer- Na <sub>2</sub> SO <sub>3</sub> -Iron Oxide
4-4	10:00	S-24-94	192	38	154	1511	300	2.52	1.16	10.31	Combination of Above
3-27	15:10	S-25-126 Stream (Pea Ridge) above NWP, below Fulbright	1700	212	1488	14500	28.17	32.0	7.52		Alum Sludge, probably with Polymer Odor, Fishy - Amine

MISC Sampling



[illegible]



[illegible]